STIC Search Report
EIC 2100

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STIC Database Tracking Number: 110208

TO:	From:
Anh Ly Location: . Art Unit : 2172 Friday, December 12, 2003 Case Serial Number: 09345448	Terese Esterheld Location: EIC 2100 PK2-4B30 Phone: 308-7795 Terese.esterheld@uspto.gov

Search Notes

Dear Examiner Ly,

Attached, please find the results of your search request for application 09345448. The citations with bad dates or information that does not meet your request has been deleted from the set

Look over the set as there appears to be many records that could be of value to you.

Please let me if you need additional information on this search.

Thank you for coming to EIC 2100.

Terese Esterheld

Search and Information Resources Administration

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Set     Items   Description
S1        218   AU=(CONMY, D? OR CONMY D? OR STRAIT, G? OR STRAIT G? OR KA-
              TZ, D? OR KATZ D? OR SHAVER, R? OR SHAVER R?)
S2         22   S1 AND IC=G06F?
S3          0   S1 AND SUBSCRIBE?()UPDATES
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
         (c) 2003 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2003/Nov W05
         (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127
         (c) 2003 WIPO/Univentio
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379
         (c) 2003  Thomson Derwent
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2/5/2 **(Item 2 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

00509158
APPARATUS AND METHOD FOR REFORMATTABLE SPREADSHEET.
GERAT UND VERFAHREN FUR EINEN WIEDERFORMATIERBAREN TABULATOR.
TABLEUR POUVANT ETRE REFORMATE.
PATENT ASSIGNEE:
LOTUS DEVELOPMENT CORPORATION, (1187500), 55 Cambridge Parkway, Cambridge, Massachusetts 02142, (US), (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
SALAS, R., Pito, 12 Intervale Road, Arlington, MA 02174, (US)
EDELSON, Glenn, D., 71 Appleton Street, Apt. 2, Boston, MA 02116, (US)
KLEPPNER, Paul, S., 1578 Cambridge Street, Cambridge, MA 02138, (US)
SHAVER, Robert, S. , 1 Arden Road, Watertown, MA 02172, (US
LEGAL REPRESENTATIVE:
Driver, Virginia Rozanne (58902), Page White & Farrer 54 Doughty Street, London WC1N 2LS, (GB)
PATENT (CC, No, Kind, Date): EP 548240 A1 930630 (Basic)
WO 9204678 920319
APPLICATION (CC, No, Date): EP 91917206 910905; WO 91US6461 910905
PRIORITY (CC, No, Date): US 580320 900910
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: **G06F-015/20**
CITED PATENTS (WO A): EP 294187 A; EP 325081 A; EP 410452 A
CITED REFERENCES (WO A):
COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 31, no. 12, December 1988, NEW YORK, NY, US pages 1424 - 1437; T. RISCH, R. REBOH, P. HART, AND R. DUDA: 'A functional approach to integrating database and expert systems' see page 1434, column 1, line 44 - column 2, line 20; figure 6
IEEE SOFTWARE. vol. 7, no. 3, May 1990, LOS ALAMITOS, CA, US pages 78 - 89; W. DU AND W.W. WADGE: 'A 3D spreadsheet based on intensional logic' see the whole document;
NOTE:
No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):

Application:	930630 A1	Published application (A1with Search Report ;A2without Search Report)
Examination:	930630 A1	Date of filing of request for examination: 930305
Examination:	940216 A1	Date of despatch of first examination report: 931230
Withdrawal:	950927 A1	Date on which the European patent application was deemed to be withdrawn: 950401

LANGUAGE (Publication,Procedural,Application): English; English; English

2/5/6 **(Item 3 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00207477 **Image available**

APPARATUS AND METHOD FOR REFORMATTABLE SPREADSHEET
TABLEUR POUVANT ETRE REFORMATE

Patent Applicant/Assignee:
LOTUS DEVELOPMENT CORPORATION,
Inventor(s):
SALAS R Pito,
EDELSON Glenn D,
KLEPPNER Paul S,
SHAVER Robert S

Patent and Priority Information (Country, Number, Date):
Patent: WO 9204678 A1 19920319
Application: WO 91US6461 19910905 (PCT/WO US9106461)
Priority Application: US 90320 19900910
Designated States: AT BE CH DE DK ES FR GB GR IT JP LU NL SE
Main International Patent Class: **G06F-015/20**
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 11787

English Abstract
Spreadsheet apparatus enables reformatting and renaming of items forming the spreadsheet. A series of items forms a dimension along an axis of the spreadsheet. A label icon or labelling entity is user nameable to describe the series of items of an axis. Repositioning of the label icons repositions respective series of items and thus redefines/rearranges the axes of the spreadsheet. Sub-axes to an axis are similarly formed by series of items associated with a respective label icon. Order of label icons in predefined areas of a working screen view determine hierarchy of main axis and sub-axes for the label icons. There is a different predefined area for the possible vertical axes, possible horizontal axes, and the possible orthogonal axes of the spreadsheet. A cell module holds spreadsheet data in a matrix of memory cells. A symbol table translates between current specified names of items in the spreadsheet and indexes to cells of the cell module. Thus, a user is able to rearrange and/or relabel icons in the spreadsheet screen view to reformat the spreadsheet, and the supporting computer members provide display of the spreadsheet rearranged according to position of the icons without losing data of the items as held in respective intersections of the spreadsheet.

French Abstract
Tableur permettant de reformater et de changer le nom des elements le composant. Une serie d'elements constitue une dimension le long d'un axe du tableur. Une icone d'etiquette ou une entite d'etiquetage peut etre nommee par l'utilisateur pour decrire une serie d'elements le long d'un axe. Le repositionnement des icones d'etiquette repositionne des series respectives d'elements et redefinit/reagence ainsi les axes du tableur. Des sous-axes d'un axe sont de la meme maniere formes par des series d'elements associes a une icone d'etiquette respectif. L'ordre des icones dans des regions predefinies d'une image d'un ecran de travail determine la hierarchie des axes principaux et des sous-axes pour les icones d'etiquette. Il y a differentes regions predefinies pour les axes verticaux possibles, les axes horizontaux possibles et les axes orthogonaux possibles du tableur. Un module de cellules maintient les donnees du tableur dans une matrice de cellules de memoire. Une table d'etiquettes traduit les noms d'elements specifies actuels du tableur et les index des cellules du module de cellules. Ainsi, un utilisateur peut reagencer et/ou reetiqueter des icones dans l'image d'ecran du tableur pour reformater celui-ci, et les modules de gestion d'ecran de l'ordinateur assurent un affichage du tableau reagence selon la position des icones sans perdre des donnees concernant les elements contenus dans

· des intersections respectives du tableur.

2/5/7 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015739695 **Image available**
WPI Acc No: 2003-801896/200375
XRPX Acc No: N03-642606

Intellectual capital management method for company, involves searching intellectual capital database entries from computer for matching entries

Patent Assignee: KATZ D (KATZ-I); MCCLOY R (MCCL-I)
Inventor: **KATZ D** ; MCCLOY R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030158745	A1	20030821	US 2001316299	P	20010904	200375 B
			US 2002233596	A	20020904	

Priority Applications (No Type Date): US 2001316299 P 20010904; US 2002233596 A 20020904
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030158745	A1		31	G06F-017/60	Provisional application US 2001316299

Abstract (Basic): US 20030158745 A1

NOVELTY - The intellectual capital database entries are searched from computer for matching entries. The matching entries at or below the access level are transmitted to user interface of computer, for display.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for computer system.

USE - For documenting, tracking and facilitating the development of intellectual capital for licensing or purchase operations in company.

ADVANTAGE - Allows the company to maintain a dynamic network database of intellectual capital. Provides individuals and companies with a way to keep other employees informed about the company's intellectual capital and provides individuals with access to intellectual capital. Provides individuals and companies with a way to efficiently and effectively develop and market intellectual capital.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram of an organizational chart of an innovation page of the system.

pp; 31 DwgNo 6/23

Title Terms: INTELLIGENCE; CAPITAL; MANAGEMENT; METHOD; COMPANY; SEARCH; INTELLIGENCE; CAPITAL; DATABASE; ENTER; COMPUTER; MATCH; ENTER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

2/5/12 **(Item 6 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

014012209 **Image available**
WPI Acc No: 2001-496423/200154
Related WPI Acc No: 2000-655127; 2001-496422
XRPX Acc No: N01-367890

Electronic calendar with group scheduling

Patent Assignee: CONMY D W (CONM-I)
Inventor: **CONMY D W**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010014867	A1	20010816	US 9750155	A	19970619	200154	B
			US 98100223	A	19980619		

Priority Applications (No Type Date): US 9750155 P 19970619; US 98100223 A 19980619
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010014867	A1		18	G06F-017/60	Provisional application US 9750155

Abstract (Basic): US 20010014867 A1

NOVELTY - A network based electronic calendaring system for a plurality of users consists of one or more databases which store a profile for each potential invitee of the system. The invitee profile consists of a user profile that contains information regarding available and unavailable times for that user. Connected to the databases over the network are one or more client systems operating a calendaring system.

DETAILED DESCRIPTION - The calendaring system enables a user to request allocation of a time interval (100) for one or more of the invitees. The calendaring system gathers the profiles for each of the requested invitees (102, 104) and determines whether each of the invitees is available during the requested time interval (106). An INDEPENDENT CLAIM is included for a computer readable medium.

USE - Electronic calendar with group scheduling and storage of user profiles.

ADVANTAGE - The calendar system organizes available meeting rooms as well as invitees. The calendaring system permits the user to view results in a manner selected from the group of displaying those invitees that are available, displaying those invitees that are not available and displaying those invitees whose schedule could not be found.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of the calendar scheduling system.

Schedule request (100)
user profile information (102,104)
determine if user is available. (106)
pp; 18 DwgNo 3/9

Title Terms: ELECTRONIC; CALENDAR; GROUP; SCHEDULE
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

2/5/13 **(Item 7 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

014012208 **Image available**
WPI Acc No: 2001-496422/200154
Related WPI Acc No: 2000-637028; 2000-655127; 2001-496423
XRPX Acc No: N01-367889

Electronic calendar with group scheduling and storage of user profiles using database of invitees profiles to calculate available time slots

Patent Assignee: BANKS-BINICI J (BANK-I); BECKHARDT S R (BECK-I); CONMY D W (CONM-I); SLAPIKOFF R (SLAP-I)
Inventor: BANKS-BINICI J; BECKHARDT S R; **CONMY D W** ; SLAPIKOFF R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010014866	A1	20010816	US 9750155	A	19970619	200154 B
			US 98100133	A	19980619	

Priority Applications (No Type Date): US 9750155 P 19970619; US 98100133 A 19980619
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010014866	A1		18	G06F-017/60	Provisional application US 9750155

Abstract (Basic): US 20010014866 A1

NOVELTY - The system consists of a database associated with one or more servers to store a profile for each potential invitee of the system. Each invitee profile consists of user profiles that have information regarding available and unavailable times for that user and the electronic mail address for the user and resource profiles (300) having information about the available times for a particular resource such as a room or equipment.

DETAILED DESCRIPTION - A request generator connected over a network to the servers generates a request for allocation of a time interval for one or more of the plurality of invitees. The system then provides a busy time determination device (304) that gathers the profiles for the invitees that were requested by the request generating means and that are available in the databases and determines whether those invitees are available during the time interval requested by the request generating means. For all available invitees, the electronic mail address in the profile is used to send each available requested invitee an invitation to attend at the requested time interval. An INDEPENDENT CLAIM is included for a computer readable medium.

USE - Electronic calendar with group scheduling and storage of user profiles.

ADVANTAGE - The calendar system organizes available meeting rooms as well as invitees.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of the scheduling system.

Profile storage (300)

Busy time determiner (304)

pp; 18 DwgNo 2/9

Title Terms: ELECTRONIC; CALENDAR; GROUP; SCHEDULE; STORAGE; USER; PROFILE; DATABASE; PROFILE; CALCULATE; AVAILABLE; TIME; SLOT
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

2/5/15 **(Item 9 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

013725878 **Image available**
WPI Acc No: 2001-210108/200121
XRPX Acc No: N01-150040
Method for providing computer system uncorrectable error (UE) recovery connects each CPU to a store logic and fetch logic used to detect and correct data errors and to write resulting data into associated cache
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: MAK P; MEANEY P J; SHEN W W; **STRAIT G E**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6163857	A	20001219	US 9870389	A	19980430	200121	B

Priority Applications (No Type Date): US 9870389 A 19980430
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6163857	A		8	G06F-011/00	

Abstract (Basic): US 6163857 A
NOVELTY - Method connects each CPU to store and fetch (108) logics used to detect and correct data errors, and to write resulting data into associated cache where logics perform error correction logic operations to detect and correct correctable errors in cache. It keeps computer system running in spite of detected uncorrectable errors without causing data integrity errors to any jobs that are kept running.
USE - For providing computer system uncorrectable error (UE) recovery.
ADVANTAGE - Keeps a computer system running in spite of hardware errors without causing data integrity errors to any jobs that are kept running.
DESCRIPTION OF DRAWING(S) - The drawing shows the high level data flow.
the cache fetch logic (108)
pp; 8 DwgNo 1/5
Title Terms: METHOD; COMPUTER; SYSTEM; ERROR; RECOVER; CONNECT; CPU; STORAGE; LOGIC; FETCH; LOGIC; DETECT; CORRECT; DATA; ERROR; WRITING; RESULT; DATA; ASSOCIATE; CACHE
Derwent Class: T01; U21
International Patent Class (Main): **G06F-011/00**
File Segment: EPI

2/5/16 **(Item 10 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

013717323 **Image available**
WPI Acc No: 2001-201547/200120
Related WPI Acc No: 2000-430297
XRPX Acc No: N01-143649
Computer system with storage controller, detects potential deadlock situations among competing requesters for processing requests and maintains request in interrupt state until specific condition is satisfied
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BLAKE M A; FEE M; JONES C C; MAK P; **STRAIT G E**
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6151655	A	20001121	US 9870432	A	19980430	200120	B
KR 326986	B	20020304	KR 998680	A	19990315	200260	

Priority Applications (No Type Date): US 9870432 A 19980430; US 9870664 A 19980430
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6151655	A		15	G06F-012/00	
KR 326986	B			G06F-015/16	Previous Publ. patent KR 99082745

Abstract (Basic): US 6151655 A

NOVELTY - A deadlock resolution logic detects potential deadlock situations among competing requesters for processing requests and maintains request in interrupt state until specific condition is satisfied. A global hang pulse logic (141) detects hangs in the storage controller mechanism and generates short hang pulses.

DETAILED DESCRIPTION - The system includes requesters including processing elements processing with pipeline passes, and making requests for fetching and storing and for memory attached via bus. A deadlock resolution logic maintains request in interrupt state until a specific condition is satisfied. A global hang pulse logic (141) detects hangs in storage controller mechanism and generates short hang pulses. An internal hang detection logic (140) generates an internal hang detect pulse, when number of short hang pulses are detected indicating potential deadlock condition. As a result, an internal hang detect output signal is set and a control logic ignores detected hangs in pipeline passes.

USE - Computer system with storage controller.

ADVANTAGE - Allows detection of potential deadlock situations among all types of requesters, and hence avoids deadlock between request types competing for access to same resources in multiprocessor system.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of address flow for single storage controller in multiprocessor system.

Internal hang detection logic (140)

Global hang pulse logic (141)

pp; 15 DwgNo 2/6

Title Terms: COMPUTER; SYSTEM; STORAGE; CONTROL; DETECT; POTENTIAL; DEADLOCK; SITUATE; COMPETE; PROCESS; REQUEST; MAINTAIN; REQUEST; INTERRUPT; STATE; SPECIFIC; CONDITION; SATISFY
Derwent Class: T01
International Patent Class (Main): **G06F-012/00 ; G06F-015/16**
File Segment: EPI

2/5/17 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013483184 **Image available**
WPI Acc No: 2000-655127/200063
Related WPI Acc No: 2000-585932; 2000-637028; 2001-326720; 2001-380089; 2001-482084; 2001-496422; 2001-496423; 2001-638163; 2001-662301; 2002-033241; 2002-081681; 2002-556193; 2002-705271
XRPX Acc No: N00-485544

Time interval scheduling system for network based electronic calendars, has best fit determining unit to determine next best time interval when invitees are not available at requested time, using weighting function

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BANKS-BINICI J; **CONMY D W**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6101480	A	20000808	US 9750155	A	19970619	200063	B
			US 98100134	A	19980619		

Priority Applications (No Type Date): US 9750155 P 19970619; US 98100134 A 19980619
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6101480	A		18	G06F-017/60	Provisional application US 9750155

Abstract (Basic): US 6101480 A

NOVELTY - A busy time determination unit gathers profiles for requested invitees available in databases and determines whether those invitees are available during the time interval requested by the request generating unit. A best fit determining unit determines next best time interval when all the invitees are not available at requested time, using weighting function.

DETAILED DESCRIPTION - A database stores profile for each potential invitee of the system. The invitee profiles consists of user profiles each of which includes information regarding availability time of user. A request generating unit connected to server over a network, generates request for time interval allocation for invitees. Weight is assigned to each invitee for several potential reasons for unavailability of the invitee. The unavailability value is computed for each time interval within preset range of requested time interval. The time interval having lowest unavailability value is chosen as the next best time interval. INDEPENDENT CLAIMS are also included for the following:

(a) scheduling time intervals processing method;

(b) for program product

USE - For network based electronic calenders, schedulers and tasking systems for groups of user.

ADVANTAGE - Since electronic calender with group scheduling operates an client/server environment the available time is automatically found for meeting based on invitee availability. Since the electronic calender automatically determines best fit' time for proposed meeting when all invitees are not available at same time, effective scheduling is achieved.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart of the steps involved in time interval scheduling method.

pp; 18 DwgNo 4/9

Title Terms: TIME; INTERVAL; SCHEDULE; SYSTEM; NETWORK; BASED; ELECTRONIC; CALENDAR; FIT; DETERMINE; UNIT; DETERMINE; TIME; INTERVAL; AVAILABLE; REQUEST; TIME; WEIGHT; FUNCTION

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

2/5/18 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

013258414 **Image available**

WPI Acc No: 2000-430297/200037

Related WPI Acc No: 2001-201547

XRPX Acc No: N00-321040

Deadlock resolution method in symmetric multiprocessor system, involves ignoring detected potential hangs in pipeline passes based on internal hang detect pulse

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: BLAKE M A; FEE M; JONES C C; MAK P; **STRAIT G E**

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6073182	A	20000606	US 9870664	A	19980430	200037	B
JP 11328141	A	19991130	JP 99110569	A	19990419	200055	
KR 99082745	A	19991125	KR 998680	A	19990315	200055	
KR 326986	B	20020304	KR 998680	A	19990315	200260	

Priority Applications (No Type Date): US 9870664 A 19980430; US 9870432 A 19980430

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6073182	A		15	G06F-015/16	
JP 11328141	A		19	G06F-015/177	
KR 99082745	A			G06F-015/16	

KR 326986 B G06F-015/16 Previous Publ. patent KR 99082745

Abstract (Basic): US 6073182 A

NOVELTY - A global hang pulse logic detects potential hangs in storage controller by detecting time at which processing of request in storage controller is valid. An internal hang detection logic generates a pulse when number of short hang pulses are detected to provide an indication that there is a potential deadlock condition. A control logic ignores detected hangs in pipeline passes based on this pulse.

USE - For deadlock resolution in symmetric multiprocessor system e.g. computer system.

ADVANTAGE - Prevents deadlocks between several requesters competing for access to same resources in multiprocessor system by disabling deadlock resolution function for specific categories of requests.

DESCRIPTION OF DRAWING(S) - The figure shows the system overview of multiprocessor system.

pp; 15 DwgNo 1/6

Title Terms: DEADLOCK; RESOLUTION; METHOD; SYMMETRICAL; MULTIPROCESSOR; SYSTEM; IGNORING; DETECT; POTENTIAL; HANG; PIPE; PASS; BASED; INTERNAL; HANG; DETECT; PULSE

Derwent Class: T01

International Patent Class (Main): **G06F-015/16 ; G06F-015/177**

International Patent Class (Additional): **G06F-015/173**

File Segment: EPI

* 2/5/22 **(Item 16 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

004339511
WPI Acc No: 1985-166389/198528
XRPX Acc No: N85-125271

Code error correcting method - by converting each syndrome decode to hash words which address look up tables whose outputs are combined to form error pointer

Patent Assignee: IBM CORP (IBMC)
Inventor: COCKE J; COPPERSMIT D; SEIGLER A E; **STRAIT G E**
Number of Countries: 004 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 147623	A	19850710	EP 84114115	A	19841123	198528	B
US 4564944	A	19860114	US 83567212	A	19831230	198605	

Priority Applications (No Type Date): US 83567212 A 19831230
Cited Patents: 2.Jnl.Ref; A3...8733; EP 12828; JP 57182253; JP 58220216; No-SR.Pub; US 4107652; US 4215402; US 4397022
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 147623	A	E	39		

Designated States (Regional): DE FR GB

Abstract (Basic): EP 147623 A

Each error syndrome of an error correction code is hashed by a number of functions. The hash outputs are used to address a number of look-up tables. The table outputs are logically combined to generate an error pointer.

Each error syndrome is preferably converted simultaneously by three hashing functions into three different hash outputs for addressing three look-up tables. The three table outputs are combined bitwise by an EXCLUSIVE-OR operation.

USE/ADVANTAGE - For error detection and correction during transmission or storage of data. Method requires small amount of storage and has fast operation. There is complete freedom in the design of error pointer formats, i.e. error location code and error identification can be fully adapted to system design. Multiple errors in subgroups (e.g. storage cards), can be easily accommodated and handled. Applicable to all kinds of error correcting codes which allow operation of syndromes.

1/6

Title Terms: CODE; ERROR; CORRECT; METHOD; CONVERT; SYNDROME; DECODE; HASH; WORD; ADDRESS; UP; TABLE; OUTPUT; COMBINATION; FORM; ERROR; POINT
Derwent Class: T01; U21; W01
International Patent Class (Additional): **G06F-011/10** ; H03M-013/00
File Segment: EPI

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Set     Items   Description
S1       3647   AU=(CONMY, D? OR CONMY D? OR STRAIT, G? OR STRAIT G? OR KA-
            TZ, D? OR KATZ D? OR SHAVER, R? OR SHAVER R?)
S2          0   S1 AND INFORMATION()SOURCE?
S3          9   S1 AND UPDATE?
S4          2   S1 AND SUBSCRIB?
File   2:INSPEC 1969-2003/Nov W5
         (c) 2003 Institution of Electrical Engineers
File   6:NTIS 1964-2003/Dec W1
         (c) 2003 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2003/Nov W5
         (c) 2003 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2003/Dec W1
         (c) 2003 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2003/Oct
         (c) 2003 ProQuest Info&Learning
File  65:Inside Conferences 1993-2003/Dec W1
         (c) 2003 BLDSC all rts. reserv.
File  92:IHS Intl.Stds.& Specs. 1999/Nov
         (c) 1999 Information Handling Services
File  94:JICST-EPlus 1985-2003/Dec W1
         (c)2003 Japan Science and Tech Corp(JST)
File  95:TEME-Technology & Management 1989-2003/Nov W4
         (c) 2003 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct
         (c) 2003 The HW Wilson Co.
File 103:Energy SciTec 1974-2003/Nov B2
         (c) 2003 Contains copyrighted material
File 144:Pascal 1973-2003/Nov W5
         (c) 2003 INIST/CNRS
File 202:Info. Sci. & Tech. Abs. 1966-2003/Nov 17
         (c) 2003 EBSCO Publishing
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul
         (c) 2003, EBSCO Pub.
File 239:Mathsci 1940-2003/Jan
         (c) 2003 American Mathematical Society
File 275:Gale Group Computer DB(TM) 1983-2003/Dec 11
         (c) 2003 The Gale Group
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 647:CMP  Computer Fulltext 1988-2003/Dec W1
         (c) 2003 CMP Media, LLC
File 674:Computer News Fulltext 1989-2003/Dec W1
         (c) 2003 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2003/Dec 11
         (c) 2003 The Dialog Corp.
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Set     Items   Description
S1    3060057   SELECT OR ELECTING? OR CHOOSE OR PICK? OR ELECTS OR ELECT -
            OR DECID? OR DESIGNAT? OR STIPULAT? OR DETERMIN? OR SPECIF?
S2    4043669   FORMULA OR LOGIC OR EXPRESSION? OR SCHEME? OR TECHNIQUE? OR
             SYSTEM? ? OR ALGORITHM? OR RULE? OR SQL()(STATEMENT? OR FORM-
            ULA?)
S3    1603940   PROGRAMMED OR PROGRAMMING OR PROGRAMMING OR PROGRAMS OR IN-
            STRUCTION? OR DEFINING OR INPUT OR "IN"()PUT
S4     596271   USER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR -
            CUSTOMER? OR BROWSER? OR SUBSCRIBER? OR CLIENT? OR PATRON?
S5     142758   SEARCH? OR QUER? OR SEEK? OR PURSU? OR MATCH? OF FIND? OR -
            LOOK?
S6    1091390   CRITERIA OR STANDARD? OR RULE? OR TEST? OR MARK? ? OR GAUGE
             OR BENCHMARK?
S7      88068   (IDENTIF? OR RECOGNIZ? OR DISTINGUISH?)(5N)(DATA OR INFORM-
            ATION)
S8    1448225   PRESENT? OR DISPLAY? OR DISCLOS? OR DIVULG?
S9    3408011   INTERVAL? OR TIME OR FREQUENC? OR DURATION?
S10     37957   INTERVENTION? OR INTERFERING OR INTRUDING OR (FURTHER OR A-
            DDITIONAL)()(ACTION OR INPUT)
S11     97942   S1 (3N) S2
S12       756   S11 AND (S3 (3N) S4)
S13       302   S11 AND (S4 (3N) S6)
S14      1306   S7 (5N) S5
S15      1750   S7 AND S8 AND S4 AND S9
S16        78   S4 AND "NO"()S10
S17         0   S13 AND S14 AND S15
S18         0   S13 AND S14
S19         0   S13 AND S15
S20         0   S13 AND S16
S21        38   S14 AND S15
S22         0   S14 AND S16
S23        34   S12 AND S13
S24        40   S11 AND S14
S25        42   S11 AND S15
S26         1   S11 AND S16
S27        24   S16 AND S9
S28         2   S23 AND S9
S29        14   S24 AND S9
S30        42   S25 AND S9
S31        23   S4 (3N) (("NO" OR NON)()S10)
S32       194   S21:S31
S33       112   S32 AND IC=G06F?
S34        63   S33 AND IC=(G06F-007? OR G06F-017?)
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379
         (c) 2003  Thomson Derwent
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34/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO

05317325 **Image available**
DATA ANALYSIS METHOD

PUB. NO.: 08-272825 [JP 8272825 A]
PUBLISHED: October 18, 1996 (19961018)
INVENTOR(s): TANIGUCHI YOJI
KAWASHIMA KAZUHIRO
ISHIBASHI AKINORI
YAJIMA TAKASHI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-100027 [JP 95100027]
FILED: March 31, 1995 (19950331)
INTL CLASS: [6] **G06F-017/30**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To provide a data analysis method capable of classifying plural rules generated by the **instruction** of a **user** from the data of a data base into the highly common rule groups of suitable data.

CONSTITUTION: The rules for extracting the appearing area of a record provided with a predetermined feature from the records of the data base are generated and displayed for number given by the **instruction** of a **user** together with the adaptation of the rules in a rule form composed of a condition part provided with more than one record items and a conclusion part provided with one record item based on the **instruction** of the **user** (11). The degree of the similarity of the **rule** between the **specified rule specified** by the **user** and the other **rules** is obtained (20), the **specified rule** and the other rule provided with the degree of the similarity of the rule higher than the lowest degree of the similarity are displayed in a pair and registered based on the **instruction** of the **user** (30). Further, the **rule** is selected from the registered rules or a new rule is generated, the degree of the similarity between the respective pairs of the rules in the rules is obtained and displayed and the inclusion relation of a pair of the **rules specified** by the **user** is obtained and displayed (40).

34/5/40 (Item 32 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013673764
WPI Acc No: 2001-157976/200116
XRPX Acc No: N01-114990
User **interactive searching, retrieving and previewing method for multimedia content in retail environment, involves modifying information to be** searched , **when its corresponding** data **item is not** identified
Patent Assignee: MUZE INC (MUZE-N)
Inventor: ARMSTRONG J R; HUXLEY M T; ISRAEL J A; ROSOVSKY P; ZULLO P F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6134547	A	20001017	US 94273449	A	19940711	200116 B
			US 96725841	A	19960930	

Priority Applications (No Type Date): US 94273449 A 19940711; US 96725841 A 19960930
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6134547	A		39	G06F-017/30	Cont of application US 94273449

Abstract (Basic): US 6134547 A

NOVELTY - An input screen is **displayed** on interface, for inputting information to be searched, in response to **user** 's interaction. The information to be searched is judged whether it corresponds to any data items. The information is modified automatically, if data items corresponding to **information** , are not **identified** . (Drawings not suitable for reproduction).

DETAILED DESCRIPTION - The data items stored in related databases, include text, graphic, image, video, animation and audio data. Each **data** item is stored as record **identified** by pointer. Each record has a field for permitting other pointer entries for relating the record to other **data** items **identified** by other entries. When **data** items corresponding to **information** to be **searched** is not **identified** , the **searchable** terms are **identified** in the **information** to be **searched** . Then, Boolean AND is performed on each term and the records containing all these terms, are identified. If records are not identified by AND operation, Boolean OR operation is done to identify the records. The records are identified by performing seek operation in databases, if corresponding records are not identified by OR operation. If records are not identified by seek operation, windowing back of each term is done and seek operation is done on each windowed back terms, to **identify** corresponding record. The **data** item corresponding to the information to be searched, is retrieved and **displayed** on result screen of interface. The other **data** items **identified** by other pointer entries, are also **displayed** corresponding to the information to be searched. An INDEPENDENT CLAIM is also included for **user** interactive searching, retrieving and previewing system of multimedia content.

USE - For **user** interactive multimedia cataloging, navigation and previewing of films and films on video.

ADVANTAGE - Provides very efficient way for ensuring that all necessary information is entered in proper location in the database, within short **time** . **User** can efficiently and easily search through film and video database.

pp; 39 DwgNo 0/59

Title Terms: **USER** ; INTERACT; SEARCH; RETRIEVAL; PREVIEW; METHOD; CONTENT; RETAIL; ENVIRONMENT; MODIFIED; INFORMATION; SEARCH; CORRESPOND; DATA; ITEM; IDENTIFY
Derwent Class: T01; W03; W04
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

34/5/44 (Item 36 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013465363
WPI Acc No: 2000-637306/200061
Related WPI Acc No: 2000-637083
XRPX Acc No: N00-472604

Database management control system for design and manufacture of complex electronic modules, sets PFVL algorithm **containing** specific **attributes, so that each data components are accessed individually**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: MUELLER J L; VAN HUBEN G A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6094654	A	20000725	US 96760913	A	19961206	200061	B
			US 98103771	A	19980624		

Priority Applications (No Type Date): US 96760913 A 19961206; US 98103771 A 19980624
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6094654	A		401	G06F-017/30	Div ex application US 96760913

Abstract (Basic): US 6094654 A

NOVELTY - Several control and data access records are produced using single logical package-file-type-version-level (PFVL) algorithm. The algorithm contains attribute data of library-variance-quantity-level-view-cell-version such that each **data** components are accessed, to **identify** relevant design **data** .

DETAILED DESCRIPTION - Each design data in the access record is related with the logical attribute of PFVL algorithm. The system attributes are mapped for converting the attributes to package version quality level type file name iteration format. Various data are accessed co-operatively by both small **user** and global **user** networks, using the PFVL algorithm. The browsed data are indicated in the **display** areas and are stored as public libraries in the concerned system.

USE - For design and manufacture of complex electronic modules in computer system.

ADVANTAGE - Provides continuous tracking and creation of data models by different **users** , due to the provision of data libraries. Reduces data loading **time** by preventing the unnecessary data file duplication, thereby improves database managing efficiency.

pp; 401 DwgNo 0/102

Title Terms: DATABASE; MANAGEMENT; CONTROL; SYSTEM; DESIGN; MANUFACTURE; COMPLEX; ELECTRONIC; MODULE; SET; ALGORITHM; CONTAIN; SPECIFIC; ATTRIBUTE ; SO; DATA; COMPONENT; ACCESS; INDIVIDUAL
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

34/5/47 (Item 39 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013240588 **Image available**
WPI Acc No: 2000-412462/200035
XRPX Acc No: N00-308281

Internet-based stock selection system searches and selects stocks satisfying search criteria using stored factor data according to specific algorithm , **and outputs selected stocks to user using GUI**

Patent Assignee: BI F (BIFF-I)
Inventor: BI F; LAM F S; SAW S D; WANG Y; XU X; YAN H; ZHOU G G
Number of Countries: 082 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200033212	A1	20000608	WO 98CN283	A	19981201	200035	B
AU 9914316	A	20000619	WO 98CN283	A	19981201	200044	
			AU 9914316	A	19981201		

Priority Applications (No Type Date): WO 98CN283 A 19981201
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200033212	A1	E	37	G06F-017/30	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9914316	A		G06F-017/30	Based on patent WO 200033212

Abstract (Basic): WO 200033212 A1

NOVELTY - Several financial indicators are provided to the **user** and search **criteria** set by the **user** for each indicator are received through **programmed** graphic **user** interface (GUI). A selector searches and selects the stocks satisfying the search criteria using stored factor data, according to a **specific algorithm** . The selected stocks are then output to user, through GUI.

DETAILED DESCRIPTION - The stock selection system comprises at least one computer system. A receiver is provided for receiving the raw stock data from the external stock information sources. The received raw stock data are stored in a database. A preprocessor processes the stored stock data, obtain factor data which are then stored in a file memory or object oriented database. The programmed GUIs for input and output purposes, are provided for the users through the Internet by browser technology. The financial indicators provided for the user, includes factors of company data, valuation ratio, profitability ratio, growth rates, dividends, financial strength, market price and trading volume. An INDEPENDENT CLAIM is also included for computerized stock selection method using Internet.

USE - For stock selection using Internet.

ADVANTAGE - The stock selection system allows users to limit the domain of search to the subset of all securities with specifications on stock exchange and industry groups, reliably.

DESCRIPTION OF DRAWING(S) - The figure shows architecture diagram of stock selection system.

pp; 37 DwgNo 2/9

Title Terms: BASED; STOCK; SELECT; SYSTEM; SEARCH; SELECT; STOCK; SATISFY; SEARCH; CRITERIA; STORAGE; FACTOR; DATA; ACCORD; SPECIFIC; ALGORITHM; OUTPUT; SELECT; STOCK; USER
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): **G06F-017/60**
File Segment: EPI

34/5/48 (Item 40 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012934526 **Image available**
WPI Acc No: 2000-106373/200009
XRPX Acc No: N00-081688

Evaluating confidence in an outcome of fuzzy logic possibilistic system using fuzzy logic to reason from sparse examples or rules by interpolation and extrapolation for use in process control

Patent Assignee: DAAMS J M (DAAM-I); STEWART L S (STEW-I); POSTLINEAR MANAGEMENT INC (POST-N); STROBEL STEWART L (STEW-I); HENDRIKS P (HEND-I); STEWART L R (STEW-I)
Inventor: DAAMS J M; STROBEL S L; STROBEL STEWART L; HENDRIKS P; STEWART L R

Number of Countries: 085 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9967707	A1	19991229	WO 99CA588	A	19990625	200009	B
CA 2242069	A1	19991225	CA 2242069	A	19980625	200023	
AU 9943557	A	20000110	AU 9943557	A	19990625	200025	
EP 1088267	A1	20010404	EP 99926211	A	19990625	200120	
			WO 99CA588	A	19990625		
US 20020023061	A1	20020221	US 2000742335	A	20001222	200221	
EP 1088267	B1	20030409	EP 99926211	A	19990625	200325	
			WO 99CA588	A	19990625		
DE 69906734	E	20030515	DE 606734	A	19990625	200340	
			EP 99926211	A	19990625		
			WO 99CA588	A	19990625		

Priority Applications (No Type Date): CA 2242069 A 19980625
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9967707	A1	E	147	G06F-009/44	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
CA 2242069	A1	E		G06F-015/18	
AU 9943557	A			G06F-009/44	Based on patent WO 9967707
EP 1088267	A1	E		G06F-009/44	Based on patent WO 9967707
Designated States (Regional): CH DE FR GB LI					
US 20020023061	A1			G06G-007/00	
EP 1088267	B1	E		G06F-009/44	Based on patent WO 9967707
Designated States (Regional): CH DE FR GB LI					
DE 69906734	E			G06F-009/44	Based on patent EP 1088267
					Based on patent WO 9967707

Abstract (Basic): WO 9967707 A1

NOVELTY - An envelope of possibility that encompasses each of the possible outcomes resulting from the selected inputs may be established. A credibility of an envelope of belief within the envelope of possibility is established according to each of the selected inputs. The envelope of belief and the envelope of possibility are compared for determining confidence in an indicated outcome based on difference between the envelopes.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a possibility expert system using a fuzzy **logic rule** to **determine** an outcome from a set of inputs.

USE - In using fuzzy logic to reason from sparse examples or rules by interpolation and extrapolation for use in process control, and in possibilistic expert systems, which assess evidence based on materiality and probability to confirm or disconfirm an assertion.

ADVANTAGE - Provides a solution to the problem in fuzzy logic systems in which **user rule input** does not match a rule exactly for bridging the gap between non-matching rules and rule inputs by creating envelopes of possibility for an output. The latter may have different shapes and rates of spreading, which may be a function of distance between the **user input** and the **rule** input

DESCRIPTION OF DRAWING(S) - The drawing shows envelopes of possibility.

pp; 147 DwgNo 23/85

Title Terms: EVALUATE; CONFIDE; FUZZ; LOGIC; SYSTEM; FUZZ; LOGIC; REASON; EXAMPLE; RULE; INTERPOLATION; EXTRAPOLATE; PROCESS; CONTROL
Derwent Class: T01
International Patent Class (Main): **G06F-009/44** ; **G06F-015/18** ; G06G-007/00
International Patent Class (Additional): **G06F-007/00**
File Segment: EPI

34/5/49 (Item 41 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012804662 **Image available**
WPI Acc No: 1999-610892/199952
Related WPI Acc No: 2001-607686
XRPX Acc No: N99-450141
Query result display **method for database searching in computer**
Patent Assignee: DRAGON SYSTEMS INC (DRAG-N)
Inventor: TRUE S D; YOUNG J H
Number of Countries: 020 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9950764	A1	19991007	WO 99US6989	A	19990331	199952	B
US 6112172	A	20000829	US 9852900	A	19980331	200043	
EP 1066575	A1	20010110	EP 99915142	A	19990331	200103	
			WO 99US6989	A	19990331		
JP 2002510090	W	20020402	WO 99US6989	A	19990331	200225	
			JP 2000541608	A	19990331		

Priority Applications (No Type Date): US 9852900 A 19980331
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9950764	A1	E	38	G06F-017/30	
Designated States (National): JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
US 6112172	A			G04F-007/00	
EP 1066575	A1	E		G06F-017/30	Based on patent WO 9950764
Designated States (Regional): AT BE DE ES FR GB IT NL					
JP 2002510090	W		38	G06F-017/30	Based on patent WO 9950764

Abstract (Basic): WO 9950764 A1
NOVELTY - The **search** value of **user identified** speech **data** in the **searched** file is determined. A bar chart representing the relationship between the search value and corresponding **display** modification relative to threshold search value is indicated in the interactive **user** interface. The file sections satisfying the threshold value is indicated.
DETAILED DESCRIPTION - Initially the file is searched according to set search conditions and accordingly specific areas of interest is recognized. The **display** is modified, by varying the threshold value corresponding to specific locations of the bar chart.
USE - For database searching management in computer used for searching video and audio database used in TV broadcasting.
ADVANTAGE - Eases grasping of overall view of data regarding **user** 's interest by providing graphical **display** . As threshold value of data segment is also indicated, enables quick **identification** and desired **data** . Due to visual indication of location and **frequency** of segments, quick modification of query or threshold value is enabled. Repeated query and other criteria modification facilitates interactive iterative process. By providing quick visual feedback, access speed is increased.
DESCRIPTION OF DRAWING(S) - The figure shows the flow chart explaining the query **display** result.
pp; 38 DwgNo 5/10
Title Terms: QUERY; RESULT; **DISPLAY** ; METHOD; DATABASE; SEARCH; COMPUTER
Derwent Class: T01
International Patent Class (Main): G04F-007/00; **G06F-017/30**
File Segment: EPI

34/5/50 (Item 42 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012753755 **Image available**
WPI Acc No: 1999-559872/199947
XRPX Acc No: N99-413468

Geographical information acquisition system using video, sound, graphic and numerical presentation in multimedia

Patent Assignee: TECHNOLOGY INT INC (TECH-N)
Inventor: BABIN S P; BARNETT K C; HUSSEINY A A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5945985	A	19990831	US 92966830	A	19921027	199947	B
			US 95448112	A	19950522		
			US 96650838	A	19960520		

Priority Applications (No Type Date): US 96650838 A 19960520; US 92966830 A 19921027; US 95448112 A 19950522
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5945985	A		32	G06F-017/28	Cont of application US 92966830 CIP of application US 95448112 CIP of patent US 5519809

Abstract (Basic): US 5945985 A

NOVELTY - A graphical interface annunciates operating commands, identifying keywords and animating tools, thereby invoking associated protocol. Operating commands buttons specifies preset geographic features, identifying keyword lists, which specify corresponding multimedia information. An animation tool box selects manipulation options to manipulate and animate multimedia geographic maps.

DETAILED DESCRIPTION - Multimedia geographic information and several identifying attributes are stored in memory. Operating instruction on **queries** regarding geographic features, multimedia geographic **information** and **identifying data** are interfaced with the users. The stored information is simultaneously presented to user in 3D and 2D formats using a virtual display unit. A physical display unit displays a geographic world map. Both the display units are made to operate synchronously, to display multimedia information. A processor invokes specific protocols and generates control signals, for accessing memory to retrieve information demanded by user.

USE - For acquiring geographical information using sound, video, graphics and numerical presentation in multimedia.

ADVANTAGE - Enables remote access of geographic multimedia information in national and international resources. Offers flexible geographic system for easy updating of map, as new information becomes available. Offers an improved **system** for highlighting **specific** geographic features on physical map. Enables to learn physical, population, economical and political geography, topography, demography, distribution of natural resources, etc., through computer generated graphical models and maps. Eases access to multimedia geographical information through interactivity by voice to allow the user to navigate geographical information.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic block diagram of interactive multimedia system.

pp; 32 DwgNo 19/19

Title Terms: GEOGRAPHICAL; INFORMATION; ACQUIRE; SYSTEM; VIDEO; SOUND; GRAPHIC; NUMERIC; PRESENT
Derwent Class: T01
International Patent Class (Main): **G06F-017/28**
File Segment: EPI

34/5/51 (Item 43 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012486743 **Image available**

WPI Acc No: 1999-292851/199925
Related WPI Acc No: 2001-262233
XRPX Acc No: N99-219433

User interface processing procedure for searching graphical user interface (GUI) of a data processing system using enhancement display graphic device - involves accordingly identifying **the** information **for input into** search **engine in response to operation of graphical pointing device**

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: KAMPER R J
Number of Countries: 004 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 11096193	A	19990409	JP 98198398	A	19980714	199925	B
US 5982370	A	19991109	US 97896476	A	19970718	199954	
KR 99013419	A	19990225	KR 9822295	A	19980615	200017	
TW 373142	A	19991101	TW 98102203	A	19980217	200036	
KR 323969	B	20020308	KR 9822295	A	19980615	200262	

Priority Applications (No Type Date): US 97896476 A 19970718
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11096193	A		12	G06F-017/30	
US 5982370	A			G06F-003/00	
KR 99013419	A			G06T-001/00	
TW 373142	A			G06F-003/00	
KR 323969	B			G06T-001/00	Previous Publ. patent KR 99013419

Abstract (Basic): JP 11096193 A

NOVELTY - The method involves accordingly **identifying information** for input into a **search** engine (38) in response to the operation of a graphical pointing device. The graphical pointing device is converted into a predetermined graphic device which inputs the text of a document without key stroke. DETAILED DESCRIPTION - The graphical pointing device controls the graphical pointer on a GUI. The document is displayed on the GUI. The search engine is supported in a data processing system which has the graphical pointing device. An INDEPENDENT CLAIM is included for the enhancement display device for searching user interface **designation** in a computer **system** .

USE - For searching GUI of a data processing system using enhancement display graphic device.

ADVANTAGE - Easy to use and offers an intelligible search interface. DESCRIPTION OF DRAWING(S) - The figure is a block diagram of a computer network showing the connection of a Web client and Web server in a simple internet search system. (38) Search engine.

Dwg.3/14

Title Terms: USER; INTERFACE; PROCESS; PROCEDURE; SEARCH; GRAPHICAL; USER; INTERFACE; DATA; PROCESS; SYSTEM; ENHANCE; DISPLAY; GRAPHIC; DEVICE; ACCORD; IDENTIFY; INFORMATION; INPUT; SEARCH; ENGINE; RESPOND; OPERATE; GRAPHICAL; POINT; DEVICE
Derwent Class: T01
International Patent Class (Main): **G06F-003/00** ; **G06F-017/30** ; G06T-001/00
International Patent Class (Additional): **G06F-003/00**
File Segment: EPI

34/5/53 (Item 45 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011945341 **Image available**
WPI Acc No: 1998-362251/199831
Related WPI Acc No: 2000-038324
XRPX Acc No: N98-282903
Non-hierarchical search and retrieval method for database - involves selecting displayed **list-identifiers, and** displaying **list of search terms associated with selected list identifier**
Patent Assignee: COCHRAN N P (COCH-I)
Inventor: COCHRAN N P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5768581	A	19980616	US 96643942	A	19960507	199831	B

Priority Applications (No Type Date): US 96643942 A 19960507
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5768581	A		33	G06F-017/30	

Abstract (Basic): US 5768581 A
The non-hierarchical method for retrieving information from records stored in a computer involves creating list- **identifiers** which **identify** a category of **information** . Lists of **search** terms are created which correspond to one of the list-identifiers. The list-identifiers are **displayed** . A list-identifier is selected. The list of search terms associated with the selected list identifier are **displayed** . A **user** is enabled to vacate the **display** of the list of search terms associated with the selected list-identifier, to select a different list-identifier, and to **display** the associated search terms. One of the search terms from the list of **displayed** search terms is selected.
Records in a database are searched for which correspond to the selected search term. A subset of records are formed in response to the selected search term. A new series of lists of search terms are created in accordance with the subset of records. A new list-identifier is selected to **display** the list of search terms associated with the new list-identifier. One
of the search terms is selected, and records corresponding to the list-identifier are searched for within the subset. A further subset of records is formed for the purpose of further searches or retrieval. The current set of records are retrieved from the database at any **time** following a searching of records, and are **displayed** .
ADVANTAGE - Efficiently searches large databases. Saves computer resources, and makes searching more accurate and **user** -friendly.
Dwg.2/10b
Title Terms: NON; HIERARCHY; SEARCH; RETRIEVAL; METHOD; DATABASE; SELECT; **DISPLAY** ; LIST; IDENTIFY; **DISPLAY** ; LIST; SEARCH; TERM; ASSOCIATE; SELECT; LIST; IDENTIFY
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

34/5/54 (Item 46 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011819219 **Image available**
WPI Acc No: 1998-236129/199821
XRPX Acc No: N98-187242
Database search system for retrieving trademark, place names - displays similar name searched by similar name search unit, based on rule corresponding to input rule number

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10074205	A	19980317	JP 96230013	A	19960830	199821	B
JP 3019780	B2	20000313	JP 96230013	A	19960830	200017	

Priority Applications (No Type Date): JP 96230013 A 19960830
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10074205	A		12	G06F-017/30	
JP 3019780	B2		12	G06F-017/30	Previous Publ. patent JP 10074205

Abstract (Basic): JP 10074205 A

The system includes an input unit (101) through which a rule number is **input** by the **user** . An **input** -output controller inputs the rule number into a similar name generation unit (104). Subsequently, the **user** is required to **input** a name into the input unit. The input-output controller feeds the name into the similar name generation unit that consequently generates all the names that resemble the input name based on the rule corresponding to the input rule number.

A similar number search unit searches the similar name from a name holder (106). The search result is displayed in a display unit (102) through the input-output controller.

ADVANTAGE - Enables searching trademark, place name using **rule designated** by **user** .

Dwg.1/12

Title Terms: DATABASE; SEARCH; SYSTEM; RETRIEVAL; PLACE; NAME; DISPLAY; SIMILAR; NAME; SEARCH; SIMILAR; NAME; SEARCH; UNIT; BASED; RULE; CORRESPOND; INPUT; RULE; NUMBER
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

34/5/55 (Item 47 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011713272 **Image available**
WPI Acc No: 1998-130182/199812
XRPX Acc No: N98-102825

Computer system for constructing formulae for processing medical data - involves user **selecting name of** time **-indexed medical value from** displayed **list**

Patent Assignee: SPACELABS MEDICAL INC (SPAC-N)
Inventor: MARLIN T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5715451	A	19980203	US 95504703	A	19950720	199812	B

Priority Applications (No Type Date): US 95504703 A 19950720
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5715451	A		17	G06F-017/30	

Abstract (Basic): US 5715451 A

The formula is constructed in a window based environment, for producing a textual patient information string from a selected **time** -indexed medical data variable having a value for each of a number of times. An input is received via the window-based **user** interface specifying a period of **time** during which the medical data variable is to be analyzed. The names of a number of functions capable of aggregating a number of values into a single value are **displayed** . Input is received that indicates that the **user** selected the name of a selected function from the **displayed** function names. Input is then

received specifying a manner of manipulating a single value to produce a textual string conveying patient information.

Based upon all the received inputs, a **formula** is created that **specifies** identifying values of the selected **time** -indexed medical data variable having times within the specified period of **time** . The selected function is applied to the identified values of the selected **time** -indexed medical **data** variable to aggregate the **identified** values into a single value. The single value is manipulated in the specified manner to produce a textual string conveying patient information based on the values of the selected **time** -indexed medical data variable. The formula may be used to generate and **display** a textual string conveying patient information based on the values of the selected **time** -indexed medical data variable.

USE - For viewing and modifying information for a particular patient in a number of different locations simultaneously, automatically collecting data from medical sensors and medical laboratories, and making patient information relatively immutable.

ADVANTAGE - Provides **user** with intuitive and comprehensive visual interface, allowing **user** to easily select output parameter for which formula will generate values.

Dwg.11/12

Title Terms: COMPUTER; SYSTEM; CONSTRUCTION; FORMULA; PROCESS; MEDICAL; DATA; **USER** ; SELECT; NAME; **TIME** ; INDEX; MEDICAL; VALUE; **DISPLAY** ; LIST

Derwent Class: S05; T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

34/5/57 (Item 49 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011129938 **Image available**
WPI Acc No: 1997-107862/199710
Related WPI Acc No: 1996-442759
Provision of on-demand movie and related information to user **and using source information database -** presenting **movie to** user **, then receiving related query from** user **, determining frame that was being** presented **when** query **was issued, and** identifying **portions of frame related** information
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: REIMER J A; REINSCH R A
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5596705	A	19970121	US 95407306	A	19950320	199710	B
JP 9037223	A	19970207	JP 9662754	A	19960319	199716	

Priority Applications (No Type Date): US 95407306 A 19950320
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5596705	A		28	G06F-015/00	
JP 9037223	A		28	H04N-007/14	

Abstract (Basic): US 5596705 A
The method for providing on demand access to movie related information while the movie is being continuously **presented** to a **user** , where the movie related information includes any of actor, director, character, prop, contract, set, location or other movie related information, comprises **presenting** the movie to the **user** in a continuous manner. The **presentation** of the movie is paused at **user** determined **intervals** , and a menu of **user** query selections is **presented** .

During a pause a query signal representing a query pertaining to the movie is received from the **user** . A frame of the movie that was being **presented** to the **user** is determined when the query signal was received. Signal portions of the movie related **information** relating to the frame are **identified** , as specified by the **query** , by extracting from the movie a **time** code of the frame that was being **presented** to the **user** when the **query** signal was received. The **identified** portions of the movie related **information** is retrieved, and is then **presented** or **displayed** to the **user** . **Presentation** of the movie related information to the **user** is resumed in a continuous manner. A manager system enables **users** to create personalized versions of movies, and personalized collections of items.

ADVANTAGE - Allows **user** to create, modify and utilise personalised version of movie.

Dwg.1/16
Title Terms: PROVISION; DEMAND; MOVIE; RELATED; INFORMATION; **USER** ; SOURCE ; INFORMATION; DATABASE; **PRESENT** ; MOVIE; **USER** ; RECEIVE; RELATED; QUERY; **USER** ; DETERMINE; FRAME; **PRESENT** ; QUERY; ISSUE; IDENTIFY; PORTION; FRAME; RELATED; INFORMATION
Derwent Class: T01
International Patent Class (Main): **G06F-015/00** ; H04N-007/14
International Patent Class (Additional): **G06F-017/00** ; **G06F-017/30**
File Segment: EPI

34/5/58 (Item 50 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011079405 **Image available**
WPI Acc No: 1997-057329/199706

XRPX Acc No: N97-047201
Production scheme monitoring appts - in which detailed information specified by specification part is extracted from data storing part and is displayed on screen of display part
Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8305761	A	19961122	JP 95111971	A	19950510	199706	B

Priority Applications (No Type Date): JP 95111971 A 19950510
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8305761	A		7	G06F-017/60	

Abstract (Basic): JP 8305761 A
The appts has a process flow extraction unit (10) which distinguishes a product ID code. The processing **data** corresponding to the **distinguished** ID code is extracted from a master data storing part (4) which is then stored in a processing data storing part (13). The processing data storing part compares the processing data with production scheme data corresponding to the process names from a production scheme data storing part (16).
A **display** part **displays** the selected production **scheme** data relating to **specific** product on a screen. A specification part specifies the detailed information relating to **displayed** production scheme data. A detailed information **display** processing part (9) extracts the specified detailed information from the data storing part and **displays** the extracted detailed information in the **display** part.
ADVANTAGE - Shortens data searching **time** and thereby reduces **user** 's burden. Restrains **frequency** of scrolling to minimum by performing selection separation on **display** screen. Performs searching and loading of data according to process flow data corresponding to selected product.
Dwg.6/10
Title Terms: PRODUCE; SCHEME; MONITOR; APPARATUS; DETAIL; INFORMATION; SPECIFIED; SPECIFICATION; PART; EXTRACT; DATA; STORAGE; PART; **DISPLAY** ; SCREEN; **DISPLAY** ; PART
Derwent Class: P56; T01; T05
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): B23Q-041/08
File Segment: EPI; EngPI

34/5/59 (Item 51 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011025820 **Image available**
WPI Acc No: 1997-003744/199701
XRPX Acc No: N97-003323
Data analysis method for database system - involves registering group rule by which display is carried out from memory, based on user **'s** input
Patent Assignee: HITACHI LTD (HITA)
Inventor: ISHIBASHI A; KAWASHIMA K; TANIGUCHI Y; YAJIMA H
Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8272825	A	19961018	JP 95100027	A	19950331	199701	B
US 5764975	A	19980609	US 96623903	A	19960327	199830	
JP 3049636	B2	20000605	JP 95100027	A	19950331	200032	

Priority Applications (No Type Date): JP 95100027 A 19950331
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes

JP 8272825 A 14 G06F-017/30
US 5764975 A G06F-017/30
JP 3049636 B2 14 G06F-017/30 Previous Publ. patent JP 8272825

Abstract (Basic): JP 8272825 A

The method involves extracting a partial relation between the record items of the database. A record is extracted from the database after evaluating the **rules** based on the user's indication. The **rule** similar to the **specified rule** is formed and displayed. The user also specifies the degree of conformity of the rule with a rule format.

The rules with certain similarity are formed as a group. The rules are registered based on the **user** 's indication. A **rule** selected from a registered rule or a new rule is formed. The similarity between a pair of rules is obtained. A table displays the included relation pair specified by the user.

USE/ADVANTAGE - In fields such as physical experiment and business. Increases utilization efficiency. Secures regularity.

Dwg.1/18

Title Terms: DATA; ANALYSE; METHOD; DATABASE; SYSTEM; REGISTER; GROUP; RULE ; DISPLAY; CARRY; MEMORY; BASED; USER; INPUT
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

34/5/60 (Item 52 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010523257 **Image available**
WPI Acc No: 1996-020210/199602
Related WPI Acc No: 1991-022355; 1992-292693; 1993-019735; 1993-296667; 1996-091011; 1998-155732; 1998-286280; 1998-322056
XRPX Acc No: N96-016890

Text search system **for finding user** designated **search terms - has character string matching device using codes output from character string storage and search terms to decide term presence in text**

Patent Assignee: HITACHI LTD (HITA)
Inventor: KATO K; KAWAGUCHI H; SHINOZAKI M; TADA K; AKIZAWA M; FUJINAWA M; FUJISAWA H; HATAKEYAMA A; KANEOKA N; MASUZAKI H; MURAKAMI M; OOYAMA M
Number of Countries: 002 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5471610	A	19951128	US 90555483	A	19900809	199602 B
			US 92985795	A	19921130	
			US 9331625	A	19930315	
US 5519857	A	19960521	WO 90JP774	A	19900614	199626
			US 90555483	A	19900809	
			US 92985795	A	19921130	
JP 2986865	B2	19991206	JP 90193015	A	19900723	200003
JP 3360308	B2	20021224	JP 9263067	A	19920319	200304

Priority Applications (No Type Date): JP 92306748 A 19921117; JP 89149630 A 19890614; JP 89188772 A 19890724; JP 89188773 A 19890724; JP 89231567 A 19890908; JP 9263067 A 19920319; JP 92249191 A 19920918
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5471610	A		63	G06F-017/21	Div ex application US 90555483 CIP of application US 92985795 Div ex patent US 5168533
US 5519857	A		113	G06F-017/30	Cont of application WO 90JP774 Cont of application US 90555483 Cont of patent US 5168533
JP 2986865	B2		98	G06F-017/30	Previous Publ. patent JP 3174652
JP 3360308	B2		22	G06F-017/30	Previous Publ. patent JP 5266082

Abstract (Basic): US 5471610 A

The system includes character string storage (105) storing a piece of text. A filtering device (3000) fetches character codes from the text read out from the string storage device to output only those character codes that are included in the search terms. A character string matching device (102) matches, en bloc, a string of character codes outputted from the filtering device. The search terms decide whether or not the search terms exist in the string of character codes outputted from the filtering device.

A synchronizing device between the filtering device and the character string matching device buffers differences in processing speed while transferring data from the filtering device to the character string matching device.

ADVANTAGE - Gives high speed matching throughput without use of high speed memory. Provides fast and inexpensive text search.

Dwg.1/38

Title Terms: TEXT; SEARCH; SYSTEM; FINDER; USER; DESIGNATED; SEARCH; TERM; CHARACTER; STRING; MATCH; DEVICE; CODE; OUTPUT; CHARACTER; STRING; STORAGE; SEARCH; TERM; DECIDE; TERM; PRESENCE; TEXT

Derwent Class: T01

International Patent Class (Main): **G06F-017/21** ; **G06F-017/30**

File Segment: EPI

34/5/63 (Item 55 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007915094
WPI Acc No: 1989-180206/198925

Easy to use automated production dispatch process - analysing revised sequence for orders in progress, passing results to planning system, and re-planning release sequence of orders

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: NATARAJAN B
Number of Countries: 005 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 321375	A	19890621	EP 88480082	A	19881122	198925	B
BR 8806630	A	19890822				198939	
US 4866628	A	19890912				198946	
EP 321375	B1	19960515	EP 88480082	A	19881122	199624	
DE 3855296	G	19960620	DE 3855296	A	19881122	199630	
			EP 88480082	A	19881122		

Priority Applications (No Type Date): US 87135122 A 19871218
Cited Patents: 2.Jnl.Ref; A3...9039; No-SR.Pub; US 4644480; US 4648023
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 321375	A	E	8		
Designated States (Regional): DE FR GB					
EP 321375	B1	E	10	G06F-017/00	
Designated States (Regional): DE FR GB					
DE 3855296	G			G06F-017/00	Based on patent EP 321375

Abstract (Basic): EP 321375 A

The dispatch process comprises the steps of monitoring production release and dispatch orders generated by a production planning process. The manufacturing environment subject is simulated to a production disruption based on defined management dispatch criteria to generate an estimate of order tardiness, work-in-process inventory and cycle **time** . The estimate is tested to determine if the estimate is acceptable according to predefined **criteria** . The **user** is prompted to define dispatch priorities between minimising order tardiness, minimising work-in-process inventory and minimising manufacturing cycle **time** . A revised dispatch sequence of dispath orders for the manufacturing environment is then generated.

Decision variables generated in the steps of simulating in the database are captured and a response to a **user input** is achieved via the query system to access the decision variables captured in the database. An analysis of tested combinations of the tested alternatives in the production release are then displayed. (8pp Dwg.No.1/4)

Title Terms: EASY; AUTOMATIC; PRODUCE; DISPATCH; PROCESS; ANALYSE; REVISED; SEQUENCE; ORDER; PROGRESS; PASS; RESULT; PLAN; SYSTEM; PLAN; RELEASE; SEQUENCE; ORDER
Derwent Class: T01
International Patent Class (Main): **G06F-017/00**
International Patent Class (Additional): **G06F-015/20 ; G06F-017/60**
File Segment: EPI

```
Set     Items   Description
S1      20005   SELECT OR ELECTING? OR CHOOSE OR PICK? OR ELECTS OR ELECT -
             OR DECID? OR DESIGNAT? OR STIPULAT? OR DETERMIN? OR SPECIF?
S2      68044   FORMULA OR LOGIC OR EXPRESSION? OR SCHEME? OR TECHNIQUE? OR
              SYSTEM? ? OR ALGORITHM? OR RULE? OR SQL()(STATEMENT? OR FORM-
             ULA?)
S3      19088   PROGRAMMED OR PROGRAMMING OR PROGRAMMING OR PROGRAMS OR IN-
             STRUCTION? OR DEFINING OR INPUT OR "IN"()PUT
S4      72637   USER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR -
             CUSTOMER? OR BROWSER? OR SUBSCRIBER? OR CLIENT? OR PATRON?
S5      18601   SEARCH? OR QUER? OR SEEK? OR PURSU? OR MATCH? OF FIND? OR -
             LOOK?
S6      32526   CRITERIA OR STANDARD? OR RULE? OR TEST? OR MARK? ? OR GAUGE
              OR BENCHMARK?
S7        589   (IDENTIF? OR RECOGNIZ? OR DISTINGUISH?)(5N)(DATA OR INFORM-
             ATION)
S8      12287   PRESENT? OR DISPLAY? OR DISCLOS? OR DIVULG?
S9      22370   INTERVAL? OR TIME OR FREQUENC? OR DURATION?
S10       349   INTERVENTION? OR INTERFERING OR INTRUDING OR (FURTHER OR A-
             DDITIONAL)()(ACTION OR INPUT)
S11      1195   S1 (3N) S2
S12        21   S11 AND (S3 (3N) S4)
S13        65   S11 AND (S4 (3N) S6)
S14        20   S7 (5N) S5
S15        14   S7 AND S8 AND S4 AND S9
S16         0   S4 AND (("NOT" OR NON)()S10)
S17         0   S13 AND S14 AND S15
S18         0   S13 AND S14
S19         0   S13 AND S15
S20         0   S14 AND S15
S21         1   S12 AND S13
S22         1   S11 AND S14
S23         1   S11 AND S15
S24         3   S21 OR S22 OR S23
S25         2   S24 NOT PY>1998
S26         2   S25 NOT PD>19981215
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov
         (c)2003 Info.Sources Inc
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26/5/1
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01557269 DOCUMENT TYPE: Product

PRODUCT NAME: Detector (557269)

Computer Associates International Inc (081957)
1 Computer Associates Plaza
Islandia, NY 11749 United States
TELEPHONE: (631) 342-6000

RECORD TYPE: Directory

CONTACT: Sales Department

Detector identifies the applications and SQL statements that are the most resource-intensive and heavily used. After identifying these problem resources, administrators can focus tuning efforts on areas that can yield the largest performance gains. Detector provides data at levels of detail that are the most helpful in solving performance problems from the plan, DBRM, and package level, and down to the individual SQL statement level. It requires minimal overhead since it does not use SQL performance traces in DB2 to collect performance **data** . DBAs can **identify** all SQL statements that are causing performance problems anywhere in a DB2 shop. Detector enables DBAs to know which DB2 applications are consuming the majority of the DB2 CPU resources over **time** by collecting performance data. It reduces the **time** required to **identify** performance problems; **users** can analyze **data** from a variety of angles at various levels of granularity and then focus their tuning efforts. Detector decreases development **time** by providing real- **time** analysis of application performance. It allows a DB2 shop to **determine** which **SQL statements** need to be tuned first. It also permits flexibility, as it can be used alone or to complement a traditional performance monitor. Detector **displays** the most expensive SQL statements using any DB2 resources for PeopleSoft, SAP R/3, or other third-party applications. It also locates all expensive DB2 SQL hiding anywhere in these applications.

DESCRIPTORS: Data Center Operations; Database Utilities; Network Administration; Network Software; Software Testing; System Performance

HARDWARE: IBM Mainframe
OPERATING SYSTEM: DB2; MVS; MVS/ESA; TSO
PROGRAM LANGUAGES: SQL
TYPE OF PRODUCT: Mainframe
POTENTIAL USERS: DB2 Database Administrators
DATE OF RELEASE: 11/1994
PRICE: Available upon request

DOCUMENTATION AVAILABLE: Included with package
TRAINING AVAILABLE: Technical support
REVISION DATE: 20010430

26/5/2
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

00104723 DOCUMENT TYPE: Review

PRODUCT NAMES: Scenario 1.0 Windows 95 & NT (663441)

TITLE: Mine Your Data for Statistical Gems
AUTHOR: Gilliland, Steve
SOURCE: Computer Shopper, v17 n10 p474(1) Oct 1997
ISSN: 0886-0556

HOMEPAGE: http://www.computershopper.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Cognos' Scenario 1.0, a robust statistical tool with features generally available only to those with a statistician on board and a huge software budget, is called data mining software. This type of program can **look** into huge amounts of **data** and apply **recognized** statistical methods to find otherwise unnoticed but useful information. Scenario is very different than most competing products, in its pricing and its real ease of use. Any user who can take the time to practice for a few hours with Scenario can learn to use it with aplomb. Using information in an organization's databases, users can produce a line graph and a tree view. Both show the facets of the data that influence the trend of a target analysis, in descending order of importance. The target can be sales, profit, advertising, costs, or any other type of data in a company's, customer's, or any combination of databases. In graph and tree views, users can see many statistical values, including sample size, standard deviation, and outliers. They can drill-down into data. Scenario uses a form of the regressive Chi-Squared Automatic Interaction Detection **algorithm** . Users **choose** a target column or dependent variable, and also choose an analysis strategy to verify the precision and dependability of Scenario's conclusions.

PRICE: $695

COMPANY NAME: Cognos Inc (027294)
SPECIAL FEATURE: Screen Layouts Charts
DESCRIPTORS: Database Utilities; IBM PC & Compatibles; Information Retrieval; Pattern Recognition; Statistics; Windows; Windows NT/2000
REVISION DATE: 20030221

```
Set     Items   Description
S1    4933624   SELECT OR ELECTING? OR CHOOSE OR PICK? OR ELECTS OR ELECT -
            OR DECID? OR DESIGNAT? OR STIPULAT? OR DETERMIN? OR SPECIF?
S2   12579671   FORMULA OR LOGIC OR EXPRESSION? OR SCHEME? OR TECHNIQUE? OR
             SYSTEM? ? OR ALGORITHM? OR RULE? OR SQL()(STATEMENT? OR FORM-
            ULA?)
S3    1912700   PROGRAMMED OR PROGRAMMING OR PROGRAMMING OR PROGRAMS OR IN-
            STRUCTION? OR DEFINING OR INPUT OR "IN"()PUT
S4    1404953   USER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR -
            CUSTOMER? OR BROWSER? OR SUBSCRIBER? OR CLIENT? OR PATRON?
S5     989720   SEARCH? OR QUER? OR SEEK? OR PURSU? OR MATCH? OF FIND? OR -
            LOOK?
S6    5463271   CRITERIA OR STANDARD? OR RULE? OR TEST? OR MARK? ? OR GAUGE
             OR BENCHMARK?
S7      60570   (IDENTIF? OR RECOGNIZ? OR DISTINGUISH?)(5N)(DATA OR INFORM-
            ATION)
S8    5660667   PRESENT? OR DISPLAY? OR DISCLOS? OR DIVULG?
S9    5121357   INTERVAL? OR TIME OR FREQUENC? OR DURATION?
S10    111769   INTERVENTION? OR INTERFERING OR INTRUDING OR (FURTHER OR A-
            DDITIONAL)()(ACTION OR INPUT)
S11    311594   S1 (3N) S2
S12       844   S11 AND (S3 (3N) S4)
S13       885   S11 AND (S4 (3N) S6)
S14       869   S7 (5N) S5
S15       560   S7 AND S8 AND S4 AND S9
S16        20   S4 (3N) (("NO" OR NON)()S10)
S17        98   S4 AND (("NO" OR NON)()S10)
S18         0   S13 AND S14 AND S15
S19         0   S13 AND S14
S20         0   S13 AND S15
S21         0   S13 AND S16
S22        14   S14 AND S15
S23         0   S14 AND S17
S24        56   S12 AND S13
S25         0   S12 AND S14
S26         0   S13 AND S15
S27         0   S13 AND S17
S28        27   S17 AND S9
S29        18   S24 AND S9
S30        76   S16 OR S22 OR S28 OR S29
S31        51   S30 NOT PY>1998
S32        51   S31 NOT PD>19981215
S33        43   RD (unique items)
File   8:Ei Compendex(R) 1970-2003/Nov W5
         (c) 2003 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2003/Oct
         (c) 2003 ProQuest Info&Learning
File 103:Energy SciTec 1974-2003/Nov B2
         (c) 2003 Contains copyrighted material
File 202:Info. Sci. & Tech. Abs. 1966-2003/Nov 17
         (c) 2003 EBSCO Publishing
File  65:Inside Conferences 1993-2003/Dec W1
         (c) 2003 BLDSC all rts. reserv.
File   2:INSPEC 1969-2003/Nov W5
         (c) 2003 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul
         (c) 2003, EBSCO Pub.
File  94:JICST-EPlus 1985-2003/Dec W1
         (c)2003 Japan Science and Tech Corp(JST)
File 438:Library Lit. & Info. Science 1984-2003/Oct
         (c) 2003 The HW Wilson Co
File  99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct
         (c) 2003 The HW Wilson Co.
File  95:TEME-Technology & Management 1989-2003/Nov W4
         (c) 2003 FIZ TECHNIK
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
```

33/5/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

05251407 E.I. No: EIP99034604160
Title: Design of a computer-aided modeling system: a case study
Author: Lotko, John III; Bzymek, Zbigniew M.; Garrett, Richard E.; Billatos, Samir B.
Corporate Source: Univ of Connecticut
Conference Title: Proceedings of the 1998 ASME International Mechanical Engineering Congress and Exposition
Conference Location: Anaheim, CA, USA Conference Date: 19981115-19981120
Sponsor: ASME
E.I. Conference No.: 49584
Source: Applications of Design for Manufacturing American Society of Mechanical Engineers, Design Engineering Division (Publication) DE v 99 1998. ASME, Fairfield, NJ, USA. p 79-91
Publication Year: 1998
CODEN: AMEDEH
Language: English
Document Type: CA; (Conference Article) Treatment: T; (Theoretical)
Journal Announcement: 9905W2
Abstract: This paper describes a computer algorithm capable of seamlessly transforming a Cadkey part into tool paths that can produce a model using a Computer-Aided Modeling (CAM) machine. This was accomplished utilizing rules based on known machining practices developed in conjunction with Cadkey and Cutting Edge designers. The rules used for designing this software consist of fundamental principles of machining. In the conventional approach, these are the rules that are supplied by the designer and applied to the problem using a programs such as Cutting Edge. The basic set of rules and the original Computer-Aided Design (CAD) design were sufficient to create the needed tool paths with the **user** 's **time** and **input** replaced by a computer algorithm. A developed computer algorithm is much less flexible, but significantly quicker than a designer, so where applicable more robust rules which required greater **time** or iterations were chosen. The algorithm is general but can be applied to any CAD **system** . However, the **specific** design work was performed with Cadkey as the target low cost system and a Roland desk-top Computer-Aided Modeling Machine (CAMM-3) as the target cutting device. All assumptions made for this test case were based on the **criteria** of **user** 's convenience and economy. All the tests performed proved that the algorithm works and is capable of adding one more output device - a cutter as an output system. (Author abstract) 14 Refs.
Descriptors: *Computer aided design; Computer simulation; Algorithms; Software engineering; Machining
Identifiers: Computer aided modeling machine; Software Package cutting edge
Classification Codes:
723.5 (Computer Applications); 723.1 (Computer Programming); 604.2 (Machining Operations)
723 (Computer Software); 604 (Metal Cutting & Machining)
72 (COMPUTERS & DATA PROCESSING); 60 (MECHANICAL ENGINEERING)

33/5/4 (Item 4 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04478024 E.I. No: EIP96083292227
Title: Time **Warner cable's full service network - program management of the FSN virtual organization**
Author: Whitehead, Susan T.; Peterson, Annette N.
Corporate Source: Time Warner Cable/US West, Englewood, CO, USA
Conference Title: Proceedings of the 1996 2nd International Workshop on Community Networking
Conference Location: Princeton, NJ, USA Conference Date:

19950620-19950622
Sponsor: IEEE; ACM SIGCOMM
E.I. Conference No.: 45173
Source: International Workshop on Community Networking, Proceedings 1995. IEEE, Piscataway, NJ, USA,95TH8097. p 291-298
Publication Year: 1995
CODEN: 002409
Language: English
Document Type: CA; (Conference Article) Treatment: A; (Applications); G ; (General Review)
Journal Announcement: 9610W3
Abstract: When **Time** Warner chose to **pursue** its vision of the **information** superhighway, it was well **recognized** that this endeavor was a technological undertaking of dramatic proportions. Acknowledging that no one company could solely deliver the multitude of required technologies, **Time** Warner created a 'virtual organization' of key technology providers. This paper analyzes the challenges and rewards of Program Management within this virtual organization, and **presents** innovatively adapted Program Management techniques that enabled this program's success. (Author abstract) 6 Refs.
Descriptors: Information technology; Broadband networks; Interactive computer systems; Information services; Information management; Real **time** systems; Computer software; Interfaces (computer); Remote control; Fiber optic networks
Identifiers: Full service network; Program network; Information superhighway; Virtual organization; Interactive broadband network; Custom connection management software; **Consumer** navigational interface software; Multimedia applications
Classification Codes:
723.5 (Computer Applications); 722.4 (Digital Computers & Systems); 903.2 (Information Dissemination); 722.2 (Computer Peripheral Equipment); 731.1 (Control Systems)
723 (Computer Software); 903 (Information Science); 722 (Computer Hardware); 731 (Automatic Control Principles)
72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 73 (CONTROL ENGINEERING)

33/5/5 (Item 5 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04431545 E.I. No: EIP96063221532
Title: Helping users program their personal agents
Author: Terveen, Loren G.; Murray, La Tondra
Corporate Source: AT&T Bell Lab, Murray Hill, NJ, USA
Conference Title: Proceedings of the 1996 Conference on Human Factors in Computing Systems, CHI 96
Conference Location: Vancouver, BC, Can Conference Date: 19960413-19960418
E.I. Conference No.: 44819
Source: Conference on Human Factors in Computing Systems - Proceedings 1996. ACM, New York, NY, USA. p 355-361
Publication Year: 1996
CODEN: 002163
Language: English
Document Type: CA; (Conference Article) Treatment: T; (Theoretical)
Journal Announcement: 9608W3
Abstract: Software agents are computer programs that act on behalf of users to perform routine, tedious, and **time** -consuming tasks. To be useful to an individual user, an agent must be personalized to his or her goals, habits, and preferences. We have created an end- **user programming** system that makes it easy for **users** to state **rules** for their agents to follow. The main advance over previous approaches is that the **system** automatically **determines** conflicts between **rules** and guides **users** in resolving the conflicts. Thus, user and system collaborate in developing and managing a set of **rules** that embody the **user** 's preferences for

handling a wide variety of situations. (Author abstract) 16 Refs.
Descriptors: *Computer programming; Human computer interaction; Graphical user interfaces; Artificial intelligence; Man machine systems
Identifiers: Personal agents; End **user programming** ; Intelligent systems
Classification Codes:
723.1 (Computer Programming); 722.2 (Computer Peripheral Equipment); 723.4 (Artificial Intelligence)
723 (Computer Software); 722 (Computer Hardware)
72 (COMPUTERS & DATA PROCESSING)

33/5/9 (Item 9 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

03420216 E.I. Monthly No: EI9205058817
Title: Case study. Using ITS style tools to implement IBM's CUA-2 user interface style.
Author: Ukelson, Jacob P.; Gould, John D.; Boies, Stephen J.; Wiecha, Charles
Corporate Source: IBM Research, Yorktown Heights, NY, USA
Source: Software - Practice and Experience v 21 n 12 Dec 1991 p 1265-1288
Publication Year: 1991
CODEN: SPEXBL ISSN: 0038-0644
Language: English
Document Type: JA; (Journal Article) Treatment: A; (Applications); X; (Experimental)
Journal Announcement: 9205
Abstract: In an empirical case study of software tools, two participants used the ITS style designer's language to implement a general purpose, executable, **rule** -based **user** interface style. This language allows style desingers to **select** , combine and modify **rule** prototypes in order to construct a **rule** -based **user** interface style. The participants implemented the entire IBM CUA-2 user interface style, plus nine additional human-computer interaction techniques, in 5-7 person-weeks. This is impressive productivity. Typically the **time** to complete a single CUA-2 application is measured in person-years, not person-weeks. The style implemented here is reusable by any ITS-implemented application. The achievement reported here shows that about half the work of all ITS-implemented CUA-2 applications have been completed in a few person-weeks. This result demonstrates the power and productivity of the ITS approach and tools. The results of this case study showed that key ?ready-mades' (e.g. named attribute groups) provided in the style designer's toolkit could be used intact, which is importing or exporting interaction techniques from one style to another style. The results generalize to other computer-literate designers who may want to use these tools to create other user interface styles. (Author abstract) 19 Refs.
Descriptors: *COMPUTER SOFTWARE--*Design; COMPUTER PROGRAMMING LANGUAGES; COMPUTER SYSTEMS PROGRAMMING--Productivity
Identifiers: IBM CUA-2 **USER** INTERFACE; ITS COMPUTER **PROGRAMMING** LANGUAGE
Classification Codes:
723 (Computer Software)
72 (COMPUTERS & DATA PROCESSING)

33/5/10 (Item 10 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

03348260 E.I. Monthly No: EI9112149085
Title: Parametric system identification **on logarithmic** frequency **response** data .
Author: Sidman, Michael D.; DeAngelis, Franco E.; Verghese, George C.
Corporate Source: Digital Equipment Corp, Colorado Springs, CO, USA
Source: IEEE Transactions on Automatic Control v 36 n 9 Sep 1991 p

1065-1070
Publication Year: 1991
CODEN: IETAA9 ISSN: 0018-9286
Language: English
Document Type: JA; (Journal Article) Treatment: T; (Theoretical)
Journal Announcement: 9112
Abstract: Gradient search methods that fit the parameters of a **user** -defined transfer function to experimental logarithmic **frequency** response data are **presented** . The methods match a model based on physically significant parameters, including natural **frequencies** of poles and zeros and damping ratios of complex poles and zeros. The algorithms construct and utilize their own analytical gradient descent functions, based on the desired model. One method attempts to fit both log magnitude and phase, while another identifies a minimum phase transfer function model from only log magnitude **frequency** response data. The log magnitude algorithm is shown to be superior to traditional methods using non-logarithmic **frequency** response data, including those used in commercially available **frequency** response analyzers. The algorithms are shown to perform well, especially for systems with lightly-damped dynamics. 21 Refs.
Descriptors: *CONTROL SYSTEMS--*Mathematical Models; CONTROL SYSTEMS--Identification; MATHEMATICAL TECHNIQUES--Poles and Zeros; MATHEMATICAL TECHNIQUES--Transfer Functions; MATHEMATICAL TECHNIQUES--Algorithms
Identifiers: PARAMETRIC SYSTEM **IDENTIFICATION** ; LOGARITHMIC **FREQUENCY** RESPONSE **DATA** ; GRADIENT **SEARCH** METHODS; POLE/ZERO NATURAL **FREQUENCIES** ; COMPLEX POLE/ZERO DAMPING RATIOS; MINIMUM PHASE TRANSFER FUNCTION MODEL
Classification Codes:
731 (Automatic Control Principles); 921 (Applied Mathematics)
73 (CONTROL ENGINEERING); 92 (ENGINEERING MATHEMATICS)

33/5/15 (Item 15 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

02108477 E.I. Monthly No: EIM8608-051046
Title: PROCEEDINGS - COMPSAC 85: THE IEEE COMPUTER SOCIETY'S NINTH INTERNATIONAL COMPUTER SOFTWARE & APPLICATIONS CONFERENCE.
Author: Anon
Conference Title: Proceedings - COMPSAC 85: The IEEE Computer Society's Ninth International Computer Software & Applications Conference.
Conference Location: Chicago, IL, USA Conference Date: 19851009
Sponsor: IEEE Computer Soc, Los Alamitos, CA, USA
E.I. Conference No.: 08025
Source: Proceedings - IEEE Computer Society's International Computer Software & Applications Conference 9th. Publ by IEEE, New York, NY, USA. Available from IEEE Service Cent (Cat n 85CH2221-0), Piscataway, NJ, USA 528p
Publication Year: 1985
CODEN: PSICD2 ISBN: 0-8186-0643-6
Language: English
Document Type: CP; (Conference Proceedings)
Journal Announcement: 8608
Abstract: The following topics are dealt with: quality analysis; **specification techniques** ; new technologies; expert system design; software metrics; software design; database techniques; real- **time** systems; reliability and quality assurance; software engineering management; knowledge-based applications; software **testing** ; expert **programming** **user** interface; and fault-tolerant software. 61 papers were presented, all of which are published in full in the present proceedings. 8 panel sessions are also included.
Descriptors: COMPUTER SOFTWARE--*Software Engineering; ARTIFICIAL INTELLIGENCE--Expert Systems; DATABASE SYSTEMS; COMPUTER SYSTEMS, DIGITAL--Real **time** Operation; COMPUTER INTERFACES
Identifiers: SOFTWARE DESIGN/DEVELOPMENT; FAULT-TOLERANT SOFTWARE; KNOWLEDGE-BASED APPLICATIONS; USER INTERFACES; EIREV
Classification Codes:
723 (Computer Software); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING)

33/5/16 (Item 16 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

01893838 E.I. Monthly No: EIM8509-055344
Title: QUERY PROCESSING IN A DISTRIBUTED DATA BASE.
Author: Jantz, Diane; Unger, E. A.; McBride, R.; Slonim, Jacob
Corporate Source: United Information Services
Conference Title: 1983 ACM Conference on Personal and Small Computers.
Conference Location: San Diego, CA, USA Conference Date: 19831207
Sponsor: ACM, Special Interest Group on Personal Computing, New York, NY, USA; ACM, Special Interest Group on Small Computing Systems & Applications, New York, NY, USA
E.I. Conference No.: 05324
Source: SIGPC Notes (ACM Special Interest Group on Personal Computing) v 6 n 2. Publ by ACM, New York, NY, USA. Available from ACM (Order n 609830), Baltimore, MD, USA p 237-244
Publication Year: 1983
CODEN: SPCNDH ISBN: 0-89791-123-7
Language: English
Document Type: PA; (Conference Paper)
Journal Announcement: 8509
Abstract: The current research on optimizing algorithms for **queries** in distributed **data** base networks is **presented** . An **identification** of additional factors which add cost and **time** to processing of a query both at a node and in the transporting of data along a link in the network is given. The idea of a **user** topology is **presented** as the basis for a query optimization algorithm and the effects of a **user** 's query constraints on the **user** topology are illustrated. With the influencing factors on a query request identified, a model of query processing is described. 32 refs.
Descriptors: *DATABASE SYSTEMS--*Distributed; COMPUTER NETWORKS
Identifiers: **USER** TOPOLOGY; RETRIEVAL STRATEGY; QUERY CONSTRAINT TUPLE; ALGORITHM OPTIMIZATION; LOCAL PROCESSING RESOURCES; TEMPORAL PROFILES
Classification Codes:
723 (Computer Software); 722 (Computer Hardware)
72 (COMPUTERS & DATA PROCESSING)

33/5/21 (Item 4 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01353704 ORDER NO: AAD94-12548
A NEW, NON-INTRUSIVE ARCHITECTURE FOR SOFTWARE MONITORING OF MICROPROCESSOR-BASED SYSTEMS
Author: JUNDI, KHALED M.
Degree: PH.D.
Year: 1993
Corporate Source/Institution: UNIVERSITY OF DAYTON (0327)
Adviser: D. MOON
Source: VOLUME 54/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 6374. 171 PAGES
Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL
Descriptor Codes: 0544

The increasing complexity of today's processors has presented a tough challenge to real- **time** software development and debugging. One of the challenges for real- **time** system developers is to determine how to monitor internal machine states that are not directly accessible via input/output pins. The status of internal pipelines, synchronization sequences, and general-purpose registers are often hidden from the **user** , but are needed for locating and debugging software problems. The principle objective of this study is to define a new architecture for a passive, non-intrusive

software monitor which has the capability to ensure **no intervention** with the execution of a target system, while providing a comprehensive execution history that can be used in a real- **time** testing and debugging environment. The study presents a new, simple, and effective technique that can be used for non-intrusive, real- **time** monitoring of software code running on a target processor that incorporates off-chip memory caches in the design. The technique is based on the concept of inductive monitoring where certain buses and control signals are assumed to be directly available for the defined monitoring system. The MIPS R3000 RISC-based processor is used as the target processor to be monitored. A description of the hardware architecture, its operation, and a simulation/emulation of the monitoring technique will be presented and how it can be used to improve the capability to perform real- **time** monitoring of software code without affecting the operation of the target system. The study will also introduce another conceptual monitoring technique based on deductive monitoring where real- **time** monitoring of processors incorporating on-chip memory resources might be accomplished. The study will propose a combined architecture for a monitoring system that is based on inductive and deductive monitoring concepts as a fruitful and future research area.

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Set     Items   Description
S1    6579303   SELECT OR ELECTING? OR CHOOSE OR PICK? OR ELECTS OR ELECT -
            OR DECID? OR DESIGNAT? OR STIPULAT? OR DETERMIN? OR SPECIF?
S2   10296698   FORMULA OR LOGIC OR EXPRESSION? OR SCHEME? OR TECHNIQUE? OR
             SYSTEM? ? OR ALGORITHM? OR RULE? OR SQL()(STATEMENT? OR FORM-
            ULA?)
S3    3615294   PROGRAMMED OR PROGRAMMING OR PROGRAMMING OR PROGRAMS OR IN-
            STRUCTION? OR DEFINING OR INPUT OR "IN"()PUT
S4    9504083   USER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR -
            CUSTOMER? OR BROWSER? OR SUBSCRIBER? OR CLIENT? OR PATRON?
S5    6765446   SEARCH? OR QUER? OR SEEK? OR PURSU? OR MATCH? OF FIND? OR -
            LOOK?
S6    7560677   CRITERIA OR STANDARD? OR RULE? OR TEST? OR MARK? ? OR GAUGE
             OR BENCHMARK?
S7     134486   (IDENTIF? OR RECOGNIZ? OR DISTINGUISH?)(5N)(DATA OR INFORM-
            ATION)
S8    4766593   PRESENT? OR DISPLAY? OR DISCLOS? OR DIVULG?
S9    7620093   INTERVAL? OR TIME OR FREQUENC? OR DURATION?
S10    287769   INTERVENTION? OR INTERFERING OR INTRUDING OR (FURTHER OR A-
            DDITIONAL)()(ACTION OR INPUT)
S11    294148   S1 (3N) S2
S12      1112   S11 (S) (S3 (3N) S4)
S13      3364   S11 (S) (S4 (3N) S6)
S14      4303   S7 (5N) S5
S15       809   S7 (S) S8 (S) S4 (S) S9
S16       132   S4 (3N) (("NO" OR NON)()S10)
S17         0   S13 (S) S14 (S) S15
S18         0   S13 (S) S14
S19         1   S13 (S) S15
S20         0   S13 (S) S16
S21        37   S14 (S) S15
S22         0   S14 (S) S16
S23        89   S12 (S) S13
S24         0   S12 (S) S14
S25         2   S12 (S) S15
S26         0   S12 (S) S16
S27         1   S13 (S) S15
S28         0   S13 (S) S16
S29        24   S16 (S) S9
S30         0   S16 (S) S11
S31         1   S23 (S) S15
S32       151   S19 OR S21 OR S23 OR S25 OR S27 OR S29 OR S31
S33        76   S32 NOT PY>1998
S34        73   S33 NOT PD>19981215
S35        67   RD (unique items)
File  15:ABI/Inform(R) 1971-2003/Dec 12
         (c) 2003 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 647:CMP  Computer Fulltext 1988-2003/Dec W1
         (c) 2003 CMP Media, LLC
File 275:Gale Group Computer DB(TM) 1983-2003/Dec 11
         (c) 2003 The Gale Group
File 674:Computer News Fulltext 1989-2003/Dec W1
         (c) 2003 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2003/Dec 11
         (c) 2003 The Dialog Corp.
File 624:McGraw-Hill Publications 1985-2003/Dec 11
         (c) 2003 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 11
         (c) 2003 The Gale Group
File 484:Periodical Abs Plustext 1986-2003/Nov W5
         (c) 2003 ProQuest
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2003/Dec 12
         (c) 2003 PR Newswire Association Inc
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File 16:Gale Group PROMT(R) 1990-2003/Dec 11
(c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 553:Wilson Bus. Abs. FullText 1982-2003/Oct
(c) 2003 The HW Wilson Co

35/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02374081 115925209
Strategic scanning and interpretation revisiting: foundations for a software agent support system - Part 2: scanning the business environment with software agents
Liu, Shuhua
Industrial Management + Data Systems v98n8 PP: 362-372 1998
ISSN: 0263-5577 JRNL CODE: IDS
WORD COUNT: 6926

...TEXT: disparate streams of information from multiple distributed resources in order to respond to a specific request from **users** with relevant, synthesized results; to be able to answer queries that require logical or heuristic deductions or induction, or require numerical computation using algorithmic models. Agents **present** a single **user** interface to multiple information media (e.g. real- **time** newswires, online databases, field intelligence, and corporate computing resources). Agents can support **users** not only in searching and filtering information, but also categorization, attention prioritization, annotation, collaborative sharing and understanding, as well as selective dissemination. Agents can remain active all the **time** to periodically visit the information sources, to monitor **information** , to **look** for trends, to **identify** new **information** , to extract relevant **data** , to fuse the information with other relevant data, and to distribute the results to its **user** . The monitored information can be updated automatically as often as necessary. In this way an agent increases the **user** 's current awareness of new leads and ensures that information for the **user** is updated automatically as often as necessary. This is becoming an invaluable service as such tasks would...

35/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01638873 02-89862
Ready, set, go
Karmarkar, Vikram; Armitage, Grenville
Telephony v234n20 PP: 98-104 May 18, 1998
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 2093

...TEXT: knows not just where to send them but also how and when. The how and when are **determined** by **rules** requested by the **customer** and **programmed** into the routing system by the service provider.

Customers also may request rules that prevent the network...

35/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01597397 02-48386
The 1998 strategist's guide to software
Baker, Sunny; Baker, Kim
Journal of Business Strategy v19n1 PP: 39-51 Jan/Feb 1998
ISSN: 0275-6668 JRNL CODE: JST
WORD COUNT: 4326

...TEXT: Change supports more than 1,000 products, so chances are good it will support those you use. **Time** -consuming updates to giant files are best done after work. The company claims that latest version can

automatically update with **no intervention** from **users** . (We didn't test this.) It's helpful to have a fast modem, ISDN hookup, or fast...

35/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01246378 98-95773
Factors important to expert systems success: A field test
Guimaraes, Tor; Yoon, Youngohc; Clevenson, Aaron
Information & Management v30n3 PP: 119-130 Jun 1996
ISSN: 0378-7206 JRNL CODE: IFM

ABSTRACT: Some important **determinants** for expert **systems** (ES) implementation success are field **tested** . **User** satisfaction is used as the surrogate of ES success, affording some basis for inter-study comparison. To...

... determinants of ES success. One of the most important factors is increasing system usage by establishing end- **user** training **programs** which desensitize the potential user community to ES technology and demonstrate its potential as a business tool...

35/3,K/6 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01225929 98-75324
SAM 4.0 provides power, simplicity and automatic on-line updates
DeLisio, Fred
InfoWorld v18n17 PP: 113 Apr 22, 1996
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 439

...TEXT: resource and data definitions for new viruses that surface. Now all that can be handled automatically with **no intervention** from the **user** . But it also means that apart from choosing when to connect for updates or scheduling updates to happen automatically at daily, weekly, or monthly **intervals** , you basically never have to think about updating your virus database again.

Anyone who has had to...

35/3,K/12 (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00798062 94-47454
SQL access opening up the DB world
Irani, Cyrus
Computer Technology Review v13n13 PP: 18 Nov 1993
ISSN: 0278-9647 JRNL CODE: CTN
WORD COUNT: 659

...ABSTRACT: client-server area, there has been a dearth of standards and specifications addressing the area of database **client** -server openness. The **Standard** Query Language (SQL) Access Group, in conjunction with X/Open, has published specifications in 3 major areas: 1. the remote database access format and protocol, 2. the **client** application **programming** interface (API), and 3. the SQL used to access the database. The SQL Access remote database access...

...XPG Preliminary Stage, is mainly intended for application or tools ISVs, but also includes system vendors and **system** integrators. The SQL

specification has 2 parts: 1. the language, and 2. an embedded interface. The SQL Access SQL specification is...

35/3,K/13 (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00780614 94-30006
Information delivery: Identifying priorities, performance, and value
Broadbent, Marianne; Lofgren, Hans
Information Processing & Management v29n6 PP: 683-701 Nov-Dec 1993
ISSN: 0306-4573 JRNL CODE: IPM

...ABSTRACT: organization of the information services provided. Traditional evaluation techniques provide indicators of operational efficiency and improvements over **time** . However, these need to be complemented by techniques that **seek** to **identify** the benefits of those **information** services to the organization in terms of having meaning to both managers and **users** . Two techniques are **presented** that bridge the gap between those used by senior managers and those with which ISU managers have...

... and found to make an effective contribution to evaluating library and information services in terms understood by **users** , management, and the provider group. ...

35/3,K/15 (Item 15 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00547592 91-21937
Developing Concert for Open, Integrated Network Management
Willetts, Keith
Telecommunications (International Edition) v25n3 PP: 73-81 Mar 1991
JRNL CODE: TIE
WORD COUNT: 2733

...TEXT: into new systems and services, providers are able to react swiftly to technical developments and changes in **customer** requirements. By **defining standard techniques** and **specifications** to be used company wide, organizations such as BT can optlmize the value of their investment in...

35/3,K/17 (Item 17 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00416222 88-33055
The POSTGRES Rule Manager
Stonebraker, Michael; Hanson, Eric N.; Potamianos, Spyros
IEEE Transactions on Software Engineering v14n7 PP: 897-907 Jul 1988
ISSN: 0098-5589 JRNL CODE: ISO

...ABSTRACT: the POSTGRES database management system (DBMS). The rule system is novel in several ways. First, it gives **users** the capability of **defining** rules as well as data to a DBMS. Second, depending on the scope of each rule defined...

... In addition, rules provide either a forward chaining control flow or a backward chaining one, and the **system** will **select** the control mechanism that optimizes performance wherever possible. Furthermore, priority rules can be defined, thereby permitting a **user** to **specify rule systems** that have conflicts. Finally, the rule system can provide database services, such as views, protection, integrity constraints...

35/3,K/22 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

01068979 CMP ACCESSION NUMBER: CRN19951113S0078
C/S SOLUTION ADVISOR SOFTWARE TOOL WORKS WITHIN A NETWORK - Interpose Helps Vars Cost-Justify (Weekly Briefs)
MONICA YOUNG
COMPUTER RESELLER NEWS, 1995, n 658, PG105
PUBLICATION DATE: 951113
JOURNAL CODE: CRN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Enterprise Networking
WORD COUNT: 370

... quickly assess customers' requirements and come up with appropriate solutions on-site.
Product Expert employs network discovery **techniques** to **determine** the hardware, software and capacity on a client/server network. The software uses this data, along with cost, growth and additional **criteria** **input** by the **user** , and applies it to market metrics to produce cost-of-ownership reports.
C/S Solution Advisor will...

35/3,K/25 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01549798 SUPPLIER NUMBER: 13070445 (USE FORMAT 7 OR 9 FOR FULL TEXT)
X/Open: Unix System Laboratories joins as full technical member. (X/Open Company Ltd.)
EDGE, on & about AT&T, v7, n229, p22(1)
Dec 11, 1992
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 469 LINE COUNT: 00040

... in 1984, is a worldwide, independent, open systems organization dedicated to providing a unified path to open **systems** **specification** and implementation. This unification is achieved through the close cooperation and integration of **input** from **users** , vendors and **standards** organizations worldwide.

35/3,K/30 (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01256154 SUPPLIER NUMBER: 06595900 (USE FORMAT 7 OR 9 FOR FULL TEXT)
OS-2's dynamic link.
DeWolf, Mary; Mirecki, Ted
PC Tech Journal, v6, n9, p100(9)
Sept, 1988
ISSN: 0738-0194 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4266 LINE COUNT: 00327

... over the linking process. The name of the library can be constructed dynamically on the basis of **user** **input** or a **test** of the hardware configuration. If a particular library is not available, the program can attempt some recovery...

...dynamic link in the same way for linking at both load time or runtime. First, the operating **system** **determines** if the required library is already loaded because of a previous invocation. If not, it

35/3,K/31 (Item 9 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01212842 SUPPLIER NUMBER: 05158823 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Clipper. (Software Review) (dBASE compilers) (evaluation)
Hart, Glenn
PC Magazine, v6, n13, p332(3)
July 21, 1987
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1050 LINE COUNT: 00086

... image without redrawing code.
You can add Clipper's VALID clause to GET input statements. The program **tests user input** against an **expression** you **specify** and rejects input that doesn't satisfy your expression, saving you from having to do tedious loop...

35/3,K/32 (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01210702 SUPPLIER NUMBER: 05245413 (USE FORMAT 7 OR 9 FOR FULL TEXT)
IBM begins shipping SAA: SAA spec gives developers first look at IBM's plan for unified applications. (Related article: Apple reacts with DEC alliance.)
Bellamah, Pat
PC Week, v4, n42, p1(2)
Oct 20, 1987
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 747 LINE COUNT: 00061

...ABSTRACT: Systems Application Architecture (SAA). This is the first chance for developers to see the programming specifications and **decide** whether cross- **systems** compatibility is useful to them. The first volume will include the language reference manuals. SAA is IBM...

...hardware systems: the 370 mainframe; System-3X midrange computers; and its new PS-2 microcomputers. A common **user** interface, **standardized programming** languages, and specified communications protocols between applications and systems are SAA aims. The release of the SAA...

35/3,K/33 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01070109 SUPPLIER NUMBER: 00598366
Going Against the Tide.
Fain, D.
Computer Graphics World, v7, n6, p79-80
June, 1984
ISSN: 0271-4159 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: There is debate as to whether artificial vision is more appropriate for general-purpose systems or dedicated **systems** to solve **specific** industry problems. General-purpose systems cost less, $17,000 to $80,000, compared with dedicated systems which range from $125,000 to $250,000. However, general-purpose systems require more **programming** and **testing** . Also, **users** relate more easily to general-purpose **systems** . Examples of **specific** applications of artificial vision are included.

35/3,K/38 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02509268 Supplier Number: 45044564 (USE FORMAT 7 FOR FULLTEXT)
DIGITAL TARGET INTERNET AS KEY AREA AND LAUNCH VIRTUAL STORE-FRONT
Internet Business News, pN/A
Oct 5, 1994
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 217

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...The four initial areas are the Internet, interactive multimedia, mobile computing and agent technology. "Agents are software **programs** that help **users** sift through the deluge of information on networks," said William Strecker, chief technical officer in an interview...

...consulting and software fixes. A year ago, Digital announced their Alpha AXP Internet program that enables Internet **users** to **test** drive Alpha AXP systems for free, evaluating the Alpha AXP architecture using their own applications. Users can **select** **systems** running either the DEC OSF/1 or OpenVMS operating systems, with configurations ranging from workstations to servers...

35/3,K/44 (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire

0687639 NY007
X OPEN ACCEPTS FEDERATED NAMING SPECIFICATION; SPECIFICATION TO ENABLE INTEROPERABILITY AMONG DIFFERENT DISTRIBUTED COMPUTING ENVIRONMENTS

DATE: March 23, 1994 14:02 EST WORD COUNT: 511

...in 1984, is a worldwide, independent, open systems organization dedicated to providing a unified path to open **systems** **specification** and implementation. This unification is achieved through the close cooperation and integration of **input** from **users** , vendors, and **standards** organizations worldwide. The X/Open specification, which covers both interoperability and applications portability elements, is based on...

35/3,K/45 (Item 4 from file: 813)
DIALOG(R)File 813:PR Newswire

0687638 NY006
X OPEN ANNOUNCES NEW HUMAN-COMPUTER INTERACTION INITIATIVE

DATE: March 23, 1994 14:01 EST WORD COUNT: 840

...in 1984, is a worldwide, independent, open systems organization dedicated to providing a unified path to open **systems** **specification** and implementation. This unification is achieved through the close cooperation and integration of **input** from **users** , vendors and **standards** organizations worldwide. The X/Open specification, which covers both interoperability and applications portability elements, is based on...

35/3,K/46 (Item 5 from file: 813)
DIALOG(R)File 813:PR Newswire

0687637 NY005

X OPEN RELEASES SNAPSHOT VERSION OF THE UNIFIED UNIX SPECIFICATION; 1170 SPECIFICATION TO BEGIN 'FAST TRACK' REVIEW PROCESS

DATE: March 23, 1994 14:00 EST WORD COUNT: 933

...in 1984, is a worldwide, independent, open systems organization dedicated to providing a unified path to open **systems specification** and implementation. This unification is achieved through the close cooperation and integration of **input** from **users**, vendors and **standards** organizations worldwide. The X/Open specification, which covers both interoperability and applications portability elements, is based on...

35/3,K/47 (Item 6 from file: 813)
DIALOG(R)File 813:PR Newswire

0685263 SJ003
X OPEN TO ANNOUNCE DETAILS ABOUT SPEC 1170 DEVELOPMENT AND ITS DESKTOP INTEGRATION INITIATIVE

DATE: March 16, 1994 07:55 EST WORD COUNT: 194

...in 1984, is a worldwide, independent open systems organization dedicated to providing a unified path to open **systems specification** and implementation. This unification is achieved through the close cooperation and integration of **input** from **users**, vendors and **standards** organizationS worldwide. The X/Open specification, which covers both interoperability and applications portability elements, is based on...

35/3,K/48 (Item 7 from file: 813)
DIALOG(R)File 813:PR Newswire

0576470 NY012
X OPEN TO ENHANCE XPG WITH COSE SPECIFICATIONS OFFERING A COHERENT DESKTOP ENVIRONMENT TO FULFILL USER DEMAND

DATE: March 17, 1993 07:31 EST WORD COUNT: 487

...in 1984, is a worldwide, independent, open systems organization dedicated to providing a unified path to open **systems specification** and implementation. This unification is achieved through the close cooperation and integration of **input** from **users**, vendors and **standards** organizations worldwide. The X/Open specification, which covers both interoperability and applications portability elements, is based on...

35/3,K/51 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04379373 Supplier Number: 46423148 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Visual C++ now Competes with Delphi Client/Server Suite and PowerBuilder
News Release, pN/A
May 31, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1551

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...for developers who want to rapidly develop robust, scaleable high-performance C++ Client/Server applications. "We have **tested** several **client** /server development tools but none of them were as powerful as the new Visual SQL... ", said Orton...

...to visually and quickly create Client/Server applications. The Visual SQL Tools provide easy definition of queries, **SQL statements** , tables, **pick** lists, custom screens, and more, as well as instant access to all database objects from a central...
...Wizard and the SQL Editor. The Query Builder allows developers to visually create complex SQL queries without **programming** . **Users** simply point-and-click to select the tables and columns to be displayed in the query, set...

...resources included in a specific Client/Server application. Programmers can instantly access database-related dialog boxes, queries, **SQL statements** , properties, **pick** lists, SQL source code, and more. This is a real time-saver particularly when the database has...

35/3,K/52 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04342782 Supplier Number: 46368949 (USE FORMAT 7 FOR FULLTEXT)
DataViews Corporation Announces DV-Centro 1.2, the First Tool for Developing Visual Programming Languages Under Windows NT
News Release, pN/A
May 7, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 877

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...juxtaposing and interacting with these shapes, users actually affect underlying data structures through their graphic representations. VPL **programs** allow **users** to graphically display and update information from databases, generate tested code directly from graphical flow diagrams, and ...

...and data in VPL applications. This framework decreases the amount of code that has to be programmed, **tested** , and debugged, allowing **users** to achieve high levels of both code and design muse. DV-Centro also includes a set of...
...rotation, scaling, etc.). Geometry-independent graphical constraint management that controls and maintains relationships between graphical objects. Application- **specific rules** defining graphical behavior, which prevent invalid linkages, thereby reducing errors. Developers using DV-Centro 1.1 for...

35/3,K/53 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04312235 Supplier Number: 46320973 (USE FORMAT 7 FOR FULLTEXT)
SAM 4.0 provides power, simplicity, and automatic on-line updates
InfoWorld, p113
April 22, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 525

... resource and data definitions for new viruses that surface. Now all that can be handled automatically with **no intervention** from the **user** . But it also means that apart from choosing when to connect for updates or

scheduling updates to happen automatically at daily, weekly, or monthly **intervals** , you basically never have to think about updating your virus database again.

Anyone who has had to...

35/3,K/56 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04043537 Supplier Number: 45880765 (USE FORMAT 7 FOR FULLTEXT)
Cyborg Systems powers up The Solution Series/ST with Windows 95 support!; Cyborg's flexible client/server HRMS immediately takes advantage of the new capabilities now available in Windows 95.
Business Wire, p10241138
Oct 24, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 481

... product had no difficulty running on this new operating system," said Skibski. "Cyborg has stayed with Windows **programming standards** so our **customers** can continue to have the freedom to **choose** what operating **system** they want to use on the client side, without the concern of whether or not The Solution...

35/3,K/60 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

02270879
SESSION MANAGER FEATURES SINGLE SYSTEM IMAGE, CONTROLLABLE USER ACCESS
News Release April 17, 1989 p. 1

... added or modified online without disrupting the efficiency and uptime of the system. The new version provides **rules** -based **user** definitions which simplifies administrative tasks and preserves security. The administrator only needs to define a **rule** and **specify** it to a group of **users** rather than explicitly **defining** it to each individual user. This reduces the initial input and overall maintenance of the system.
...

35/3,K/65 (Item 6 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01480117
Computing Capabilities Corporation has announced the availability of Release 5 of MAESTRO, a job scheduling and operations management package for HP 3000 comput.
NEWS RELEASE August 4, 1986 p. 11

... several major enhancements provided with this release allow MAESTRO to capture and control all jobs submitted by **users** or application **programs** , integrating them with scheduled production in a controlled multiprogramming environment. Other enhancements allow computer operators to display...

... MAESTRO is a software package which automatically schedules and manages job processing according to calendars and operating **rules specified** by the **user** . MAESTRO is available for all models of HP 3000 computers and offers an option to integrate batch...

STIC EIC 2100 Search Request Form

110208

51

Kim Vu
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Today's Date: 12-10-03

What date would you like to use to limit the search?

Priority Date: 12/15/98 Other:

Name Anh Ly

AU 2172 Examiner # 77831

Room # 9A30 Phone 306-4827

Serial # 09/345,448

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other _____

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at http://ptoweb/patents/stic/stic-tc2100.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

* a selection formula, wherein the selection formula is programmed by the user

* a selection formula including search criteria identifying (as shown in fig 1) information to be searched for and presented to the user at various intervals without additional user intervention

STIC Searcher Teresa Esterhold Phone 308-7795

Date picked up 12/11/03 4:16 pm Date Completed 12/12/03 12:30 pm

sira Search and Information Resources Administration